



# ELK Biotechnology

PI3 Kinase P85 Rabbit pAb

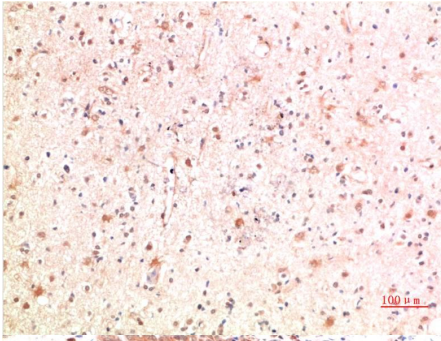
Catalog NO.: EA319

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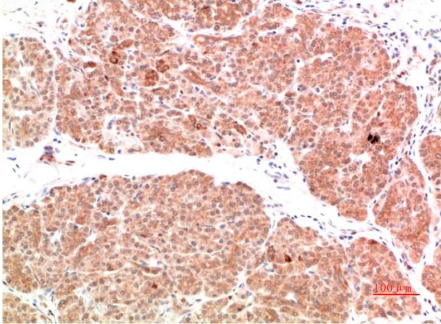
## Overview

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|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name          | PI3 Kinase P85 Rabbit polyclonal antibody                                                                                                                                                                                                                                                                                                                                                                                        |
| Source                | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Applications          | IHC                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Species reactivity    | Human, Rat, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                |
| Recommended dilutions | Immunohistochemistry:1/200-500<br><b>NOTE: Optimal dilutions should be determined by the end user.</b>                                                                                                                                                                                                                                                                                                                           |
| Immunogen             | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                              |
| Species               | Human                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Storage               | PBS with 0.02% sodium azide and 50% glycerol pH 7.4.<br>Store at -20° C. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                      |
| Isotype               | IgG                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Clonality             | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Concentration         | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Observed band         | <b>85kDa</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |
| GenelD (Human)        | 5295                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Human Swiss-Prot No.  | P27986                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Cellular localization | Cytosol,Endoplasmic reticulum,Golgi apparatus, Nucleus, Plasma Membrane                                                                                                                                                                                                                                                                                                                                                          |
| Alternative Names     | GRB1 antibody, p85 alpha antibody, PI3K antibody, PIK3R1 antibody                                                                                                                                                                                                                                                                                                                                                                |
| Background            | Phosphatidylinositol-4,5-bisphosphate 3-kinase (also called phosphatidylinositide 3-kinases, phosphatidylinositol-3-kinases, PI 3-kinases, PI(3)Ks, PI-3Ks or by the HUGO official stem symbol for the gene family, PI3K(s)) are a family of enzymes involved in cellular functions such as cell growth, proliferation, differentiation, motility, survival and intracellular trafficking, which in turn are involved in cancer. |



Immunohistochemical analysis of paraffin-embedded Human Brain Tissue using PI3 Kinase P85 (EA319) Rabbit pAb diluted at 1:500.



Immunohistochemical analysis of paraffin-embedded Human Pancreas Carcinoma Tissue using PI3 Kinase P85 (EA319) Rabbit pAb diluted at 1:500.