



ELK Biotechnology

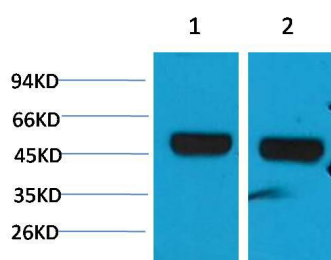
beta 1 Sodium Potassium ATPase Rabbit pAb

Catalog NO.: EA146

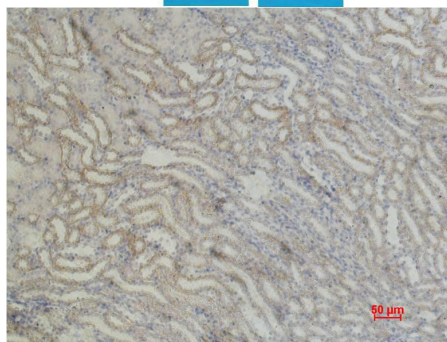
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Overview

Product name	beta 1 Sodium Potassium ATPase Rabbit polyclonal antibody
Source	Rabbit
Applications	WB
Species reactivity	Rat, Mouse, Human
Recommended dilutions	WesternBlot:1/1000-2000 Immunohistochemistry:1/100-200 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Synthetic Peptide
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	45-50kDa
GenelD (Human)	481
Human Swiss-Prot No.	P05026
Cellular localization	Membrane
Alternative Names	ATP1B, Beta 1 subunit of Na(+) K(+) ATPase, Na+/K+ ATPase beta 1 subunit, Sodium/potassium dependent ATPase beta 1 subunit
Background	beta 1 Sodium Potassium ATPase catalyzes the hydrolysis of ATP coupled with the exchange of Na(+) and K(+) ions across the plasma membrane. The beta subunit regulates, through assembly of alpha/beta heterodimers, the number of sodium pumps transported to the plasma membrane.



Western blot analysis of 1) Mouse Brain, 2) Rat Brain, with beta 1 Sodium Potassium ATPase Rabbit pAb EA146 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Mouse Kidney Tissue using beta 1 Sodium Potassium ATPase (EA146) Rabbit pAb diluted at 1:200.