

beta 1 Sodium Potassium ATPase Rabbit Polyclonal Antibody

Catalog TDY317C TDY317F

Tel: 010-82908854

Quantity 50μL 100μL

Free: 400-0620-621

Web: www.tdybio.com

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	R, M,(H)	45-50KD	IgG

Storage Buffer & Condition: Immunogen Affinity Purified Rabbit IgG, 1mg/ml in PBS pH7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.

Store at **-20°C**. **Do not aliquot the antibody.**

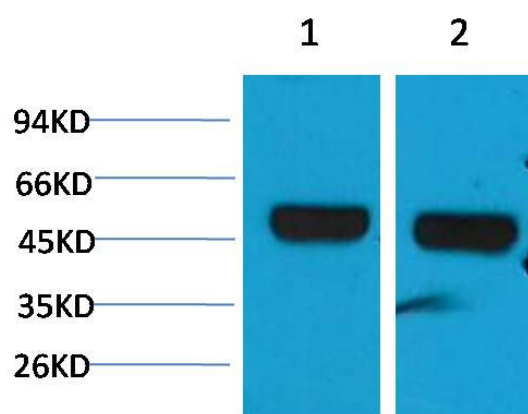
Recommended dilutions: WB: 1:1,000-2,000 IHC: 1:100-200

Optimal dilutions should be determined by the end user.

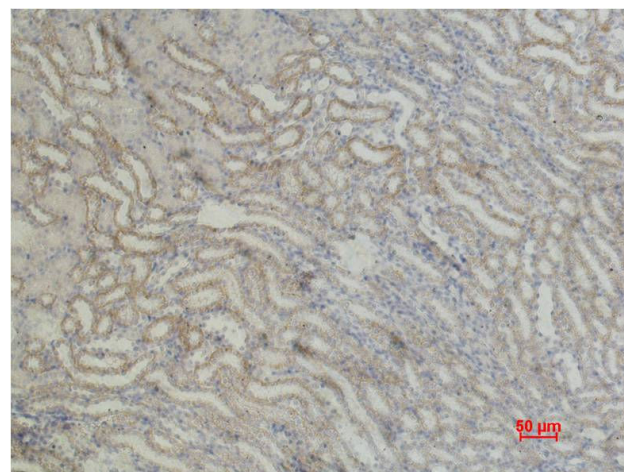
Specificity: The beta 1 Sodium Potassium ATPase Antibody can detects endogenous beta 1 Sodium Potassium ATPase protein.

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 TDY317 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Mouse Kidney Tissue using beta 1 Sodium Potassium ATPase (TDY317) Rabbit pAb diluted at 1:200.