

KCNA6 Rabbit pAb

CatalogNo: YN1077

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat,Mouse

Applications

- WB,ELISA

MW

- 58kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol,0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 420-500

Specificity KCNA6 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name KCNA6

Protein Name	Potassium voltage-gated channel subfamily A member 6 (Voltage-gated potassium channel HBK2) (Voltage-gated potassium channel subunit Kv1.6)		
	Organism	Gene ID	UniProt ID
	Human	3742;	P17658;
	Mouse		Q61923;
	Rat		P17659;
Cellular Localization	Cell membrane ; Multi-pass membrane protein .		
Tissue specificity	Brain,		
Function	Domain:The N-terminus may be important in determining the rate of inactivation of the channel while the tail may play a role in modulation of channel activity and/or targeting of the channel to specific subcellular compartments.,Domain:The segment S4 is probably the voltage-sensor and is characterized by a series of positively charged amino acids at every third position.,Function:Mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient.,similarity:Belongs to the potassium channel family. A (Shaker) subfamily.,subunit:Heterotetramer of potassium channel proteins.,		

| Validation Data

| Contact information

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