

KV β .3 Rabbit pAb

CatalogNo: YT2517

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 45kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000**IHC 1:100-1:300****ELISA 1:10000****IF 1:50-200**

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

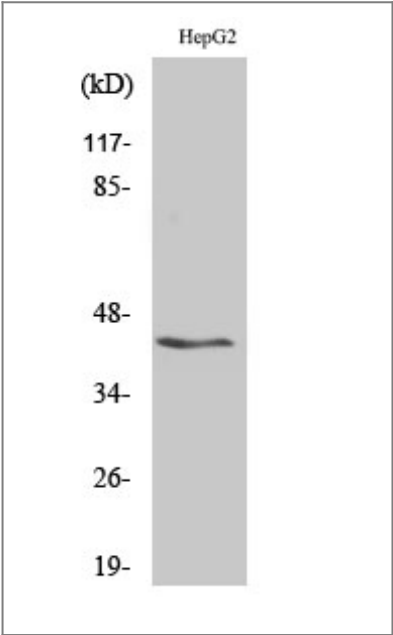
The antiserum was produced against synthesized peptide derived from human KCNAB3. AA range: 293-342

SpecificityKV β .3 Polyclonal Antibody detects endogenous levels of KV β .3 protein.

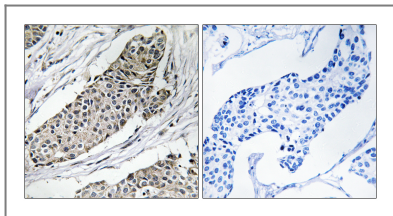
Target Information

Gene name	KCNA3		
Protein Name	Voltage-gated potassium channel subunit beta-3		
	Organism	Gene ID	UniProt ID
	Human	9196 ;	Q43448 ;
	Mouse		P97382 ;
	Rat	58981 ;	Q63494 ;
Cellular Localization	Cytoplasm .		
Tissue specificity	Brain specific. Most prominent expression in cerebellum. Weaker signals detected in cortex, occipital lobe, frontal lobe and temporal lobe. Not detected in spinal cord, heart, lung, liver, kidney, pancreas, placenta and skeletal muscle.		
Function	Domain:Alteration of functional properties of alpha subunit is mediated through N-terminal domain of beta subunit.,Function:Accessory potassium channel protein which modulates the activity of the pore-forming alpha subunit. Alters the functional properties of Kv1.5.,similarity:Belongs to the shaker potassium channel beta subunit family.,subunit:Forms heteromultimeric complex with alpha subunits.,tissue specificity:Brain specific. Most prominent expression in cerebellum. Weaker signals detected in cortex, occipital lobe, frontal lobe and temporal lobe. Not detected in spinal cord, heart, lung, liver, kidney, pancreas, placenta and skeletal muscle.,		

Validation Data



Western Blot analysis of various cells using KVβ.3 Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using KCNAB3 Antibody. The picture on the right is blocked with the synthesized peptide.

| Contact information

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Please scan the QR code to access additional product information:

KVβ.3 Rabbit pAb

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