

## KVβ.3 Rabbit pAb

CatalogNo: YT2517

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, IF, ELISA

#### MW

- 45kD (Observed)

#### Isotype

- IgG

### 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.

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC 1:100-1:300**

**ELISA 1:10000**

**IF 1:50-200**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

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

**Specificity** KVβ.3 Polyclonal Antibody detects endogenous levels of KVβ.3 protein.

### Target Information

**Gene name** KCNAB3

**Protein Name** Voltage-gated potassium channel subunit beta-3

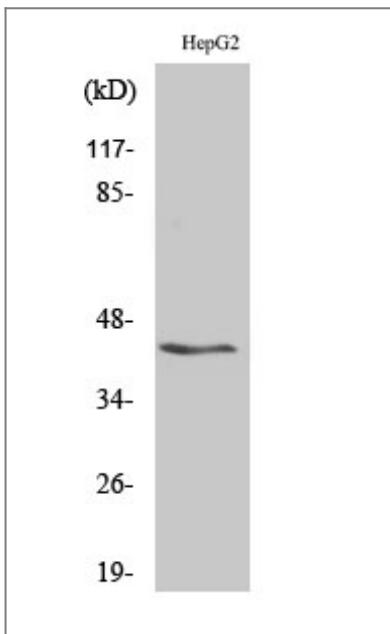
Organism	Gene ID	UniProt ID
Human	<a href="#">9196</a> ;	<a href="#">O43448</a> ;
Mouse		<a href="#">P97382</a> ;
Rat	<a href="#">58981</a> ;	<a href="#">Q63494</a> ;

**Cellular Localization** Cytoplasm .

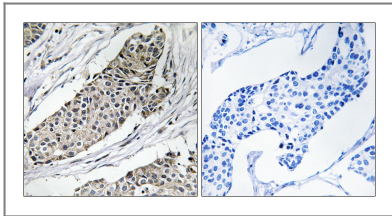
**Tissue specificity** Brain specific. Most prominent expression in cerebellum. Weaker signals detected in cortex, occipital lobe, frontal lobe and temporal lobe. Not detected in spinal cord, heart, lung, liver, kidney, pancreas, placenta and skeletal muscle.

**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 KV $\beta$ .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:  
**KV $\beta$ .3 Rabbit pAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)