

## AT2B2 Rabbit pAb

CatalogNo: YN1062

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human,Rat

#### Applications

- WB,ELISA

#### MW

- 136kD (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, and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human protein . at AA range: 250-330

**Specificity** AT2B2 Polyclonal Antibody detects endogenous levels of protein.

### Target Information

**Gene name** ATP2B2 PMCA2

<b>Protein Name</b>	Plasma membrane calcium-transporting ATPase 2 (PMCA2) (Plasma membrane calcium ATPase isoform 2) (Plasma membrane calcium pump isoform 2)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">491</a> ;	<a href="#">Q01814</a> ;
	Mouse		<a href="#">Q9R0K7</a> ;
	Rat		<a href="#">P11506</a> ;
<b>Cellular Localization</b>	Cell membrane ; Multi-pass membrane protein . Cell junction, synapse .; [Isoform WA]: Apical cell membrane ; Multi-pass membrane protein . Basolateral cell membrane ; Multi-pass membrane protein .; [Isoform WB]: Apical cell membrane ; Multi-pass membrane protein . Basolateral cell membrane ; Multi-pass membrane protein .; [Isoform XB]: Basolateral cell membrane ; Multi-pass membrane protein .; [Isoform ZA]: Basolateral cell membrane ; Multi-pass membrane protein .; [Isoform ZB]: Basolateral cell membrane ; Multi-pass membrane protein .		
<b>Tissue specificity</b>	Mainly expressed in brain cortex. Found in low levels in skeletal muscle, heart muscle, stomach, liver, kidney and lung. Isoforms containing segment B are found in brain cortex and at low levels in other tissues. Isoforms containing segments X and W are found at low levels in all tissues. Isoforms containing segment A and segment Z are found at low levels in skeletal muscle and heart muscle.		
<b>Function</b>	Alternative products:There is a combination of two alternative spliced domains at N-terminal site A (W, X and Z) and at C-terminal site C (A and B). So far the splice sites have only been studied independently. Experimental confirmation may be lacking for some isoforms,Catalytic activity:ATP + H(2)O + Ca(2+)(Cis) = ADP + phosphate + Ca(2+)(Trans).,Function:This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the transport of calcium out of the cell.,similarity:Belongs to the cation transport ATPase (P-type) family.,similarity:Belongs to the cation transport ATPase (P-type) family. Type IIB subfamily.,tissue specificity:Mainly expressed in brain cortex. Found in low levels in skeletal muscle, heart muscle, stomach, liver, kidney and lung. Isoforms containing segment B are found in brain cortex and at low levels in other tissues. Isoforms containing segments X and W are found at low levels in all tissues. Isoforms containing segment A and segment Z are found at low levels in skeletal muscle and heart muscle.,		

| Validation Data

| Contact information

Orders: order.cn@immunoway.com  
 Support: support.cn@immunoway.com  
 Telephone: 400-8787-807(China)  
 Website: http://www.immunoway.com.cn  
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:  
**AT2B2 Rabbit pAb**

