

## AT2B3 Rabbit pAb

CatalogNo: YN1063

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human,Rat

#### Applications

- WB,ELISA

#### MW

- 134kD (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: 140-220

#### Specificity

AT2B3 Polyclonal Antibody detects endogenous levels of protein.

### Target Information

#### Gene name

ATP2B3

<b>Protein Name</b>	Plasma membrane calcium-transporting ATPase 3 (PMCA3) (Plasma membrane calcium ATPase isoform 3) (Plasma membrane calcium pump isoform 3)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">492;</a>	<a href="#">Q16720;</a>
	Rat		<a href="#">Q64568;</a>
<b>Cellular Localization</b>	Cell membrane ; Multi-pass membrane protein . Cell junction, synapse, presynaptic cell membrane ; Multi-pass membrane protein . Localized at parallel fiber terminals. .		
<b>Tissue specificity</b>	Highly expressed in the cerebellum (PubMed:8187550). Expressed in adrenal glands (PubMed:27035656).		
<b>Function</b>	Alternative products:There is a combination of two alternatively spliced domains at N-terminal site A (X and Z) and at C-terminal site C (A, B, E and G). The splice sites have mostly been studied independently. Full isoforms so far detected are isoform XA and isoform XB. 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. Type IIB subfamily.,tissue specificity:Isoforms XE and XB are the most abundant isoforms and are detected at low levels in brain and fetal skeletal muscle. The other isoforms are only found at lower levels and not in fetal tissues.,		

| Validation Data

| Contact information

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