

AT2B4 Rabbit pAb

CatalogNo: YN3898

| Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat

Applications

- WB

MW

- 137kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| 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 AT2B4 AA range: 168-218

Specificity This antibody detects endogenous levels of AT2B4 at Human/Rat

| Target Information

Gene name ATP2B4 ATP2B2 MXRA1

Protein Name AT2B4

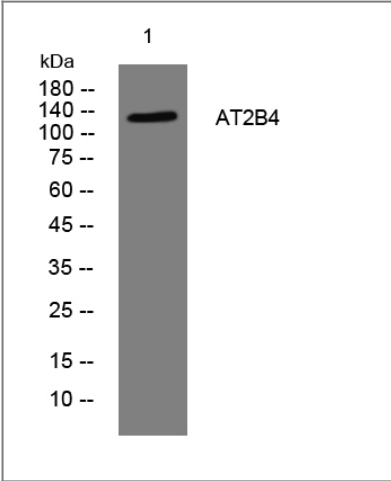
Organism	Gene ID	UniProt ID
Human	493;	P23634;
Rat	29600;	Q64542;

Cellular Localization Cell membrane ; Multi-pass membrane protein . Cell projection, cilium, flagellum membrane ; Multi-pass membrane protein .

Tissue specificity Isoform XB is the most abundant isoform and is expressed ubiquitously. Isoforms containing segment Z have only been detected in heart, while isoforms containing segment a have been found in heart, stomach and brain cortex.

Function Alternative products:There is a combination of two alternatively spliced domains at N-terminal site A (X and Z) and at C-terminal site B/C (A, B, D and K). 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.,similarity:Belongs to the cation transport ATPase (P-type) family. Type IIB subfamily.,tissue specificity:Isoform XB is the most abundant isoform and is expressed ubiquitously. Isoforms containing segment Z have only been detected in heart, while isoforms containing segment a have been found in heart, stomach and brain cortex.,

Validation Data



Western blot analysis of lysates from 3T3 cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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AT2B4 Rabbit pAb

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