

AT2B4 rabbit pAb

Catalog_no :	AN3898
Applications :	WB
Reactivity :	Human,Rat
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	ATP2B4 ATP2B2 MXRA1
Protein_name :	AT2B4
Humangene_id	493
:	
Humanswissprot	P23634
_no :	
Ratgene_id :	29600
Ratswissprot_no	Q64542
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Immunogen :	Synthesized peptide derived from human AT2B4
Specificity :	This antibody detects endogenous levels of AT2B4 at Human/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1 : 500-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability	-20°C/1 year
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Background :	The protein encoded by this gene belongs to the family of P-type primary ion transport ATPases characterized by the formation of an aspartyl phosphate intermediate during the reaction cycle. These enzymes remove bivalent calcium ions from eukaryotic cells against very large concentration gradients and play a critical role in intracellular calcium homeostasis. The mammalian plasma membrane calcium ATPase isoforms are encoded by at least four separate genes and the diversity of these enzymes is further increased by alternative splicing of transcripts. The expression of different isoforms and splice variants is regulated in a developmental, tissue- and cell type-specific manner,

suggesting that these pumps are functionally adapted to the physiological needs of particular cells and tissues. This gene encodes the plasma membrane calcium ATPase isoform 4. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008],
