



ATP2B2 Antibody

Product Code	CSB-PA002336GA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q01814
Immunogen	Human ATP2B2
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Tested Applications	ELISA,WB,IHC
Storage Buffer	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3. -20°C, Avoid freeze / thaw cycles.
Purification Method	Antigen Affinity purified
Isotype	IgG
Alias	ATPase, Ca++ transporting, plasma membrane 2;ATP2B2;PMCA2;PMCA2a;PMCA2i ;
Product Type	Purified Rabbit Anti Human,Mouse PolyClonal Antibody
Immunogen Species	Homo sapiens (Human)
Target Names	ATP2B2
Target Details	<p>This protein 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 2. Alternatively spliced transcript variants encoding different isoforms have been identified.</p>
Usage	For Research Use Only. Not for use in diagnostic or therapeutic procedures.