

Rabbit anti-Human ATP2B4 Polyclonal Antibody | anti-ATP2B4 antibody

ATP2B4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA235387	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

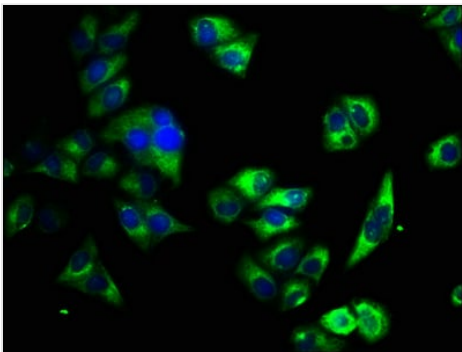
PRODUCT SYNONYMS

ATP2B4; Polyclonal Antibody; ATP2B4 Antibody; Plasma membrane calcium-transporting ATPase 4; PMCA4; EC 3.6.3.8; Matrix-remodeling-associated protein 1; Plasma membrane calcium ATPase isoform 4; Plasma membrane calcium pump isoform 4; ATP2B2 MXRA1; anti-ATP2B4 antibody

PRODUCT SPECIFICATIONS

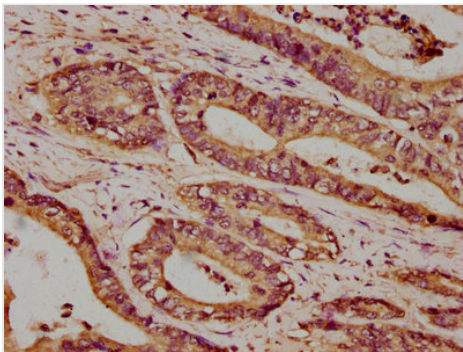
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95% Protein G Purified
Form/Format	Liquid
Sequence Length	1170
Applicable Applications for anti-ATP2B4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human Plasma membrane calcium-transporting ATPase 4 protein (281-345AA)
Conjugate	Non-Conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



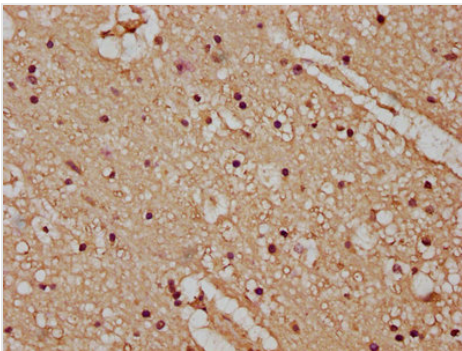
IF (Immunofluorescence)

Immunofluorescence staining of Hela cells with CSB-PA23389A0Rb at 1:33, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of CSB-PA23389A0Rb diluted at 1:100 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of CSB-PA23389A0Rb diluted at 1:100 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ATP2B4 antibody	Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48255959
NCBI GeneID	493
NCBI Accession #	NP_001001396.1
NCBI GenBank Nucleotide #	NM_001001396.2
UniProt Accession #	P23634; Q13450; Q13452; Q13455; Q16817; Q7Z3S1; B1APW5; B1APW6
Molecular Weight	129,403 Da
NCBI Official Full Name	plasma membrane calcium-transporting ATPase 4 isoform 4a
NCBI Official Synonym Full Names	ATPase plasma membrane Ca2+ transporting 4
NCBI Official Symbol	ATP2B4

NCBI Official Synonym Symbols	MXRA1; PMCA4; ATP2B2; PMCA4b; PMCA4x
NCBI Protein Information	plasma membrane calcium-transporting ATPase 4
UniProt Protein Name	Plasma membrane calcium-transporting ATPase 4
UniProt Gene Name	ATP2B4
UniProt Synonym Gene Names	ATP2B2; MXRA1; PMCA4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/atp2b4-antibody-immunofluorescence-immunohistochemistry-elisa/235387>