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Datasheet for ABIN7163521
anti-ATP2B4 antibody (AA 281-345) (Biotin)

Overview

Quantity:	100 µg
Target:	ATP2B4
Binding Specificity:	AA 281-345
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP2B4 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Plasma membrane calcium-transporting ATPase 4 protein (281-345AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ATP2B4
Alternative Name:	ATP2B4 (ATP2B4 Products)
Background:	Background: Calcium/calmodulin-regulated and magnesium-dependent enzyme that catalyzes the hydrolysis of ATP coupled with the transport of calcium out of the cell (PubMed:8530416).

Target Details

By regulating sperm cell calcium homeostasis, may play a role in sperm motility (By similarity).

Aliases: AT2B4_HUMAN antibody, ATP2B2 antibody, Atp2b4 antibody, ATPase Ca⁺⁺ transporting plasma membrane 4 antibody, Cation transporting ATPase antibody, DKFZp686G08106 antibody, DKFZp686M088 antibody, Matrix remodelling associated 1 antibody, Matrix remodelling associated protein 1 antibody, Matrix-remodeling-associated protein 1 antibody, MXRA 1 antibody, MXRA1 antibody, OTTHUMP00000034088 antibody, OTTHUMP00000034089 antibody, Plasma membrane calcium ATPase 4 antibody, Plasma membrane calcium ATPase isoform 4 antibody, Plasma membrane calcium pump isoform 4 antibody, Plasma membrane calcium transporting ATPase 4 antibody, Plasma membrane calcium-transporting ATPase 4 antibody, PMCA 4 antibody, PMCA4 antibody, PMCA4b antibody, PMCA4x antibody, Sarcolemmal calcium pump antibody

UniProt: [P23634](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.