Datasheet for ABIN7163523
anti-ATP2B4 antibody (AA 281-345) (HRP)

Overview

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