

Datasheet for ABIN7599228
anti-SLC25A24 antibody (AA 1-293)



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Overview

Quantity:	100 µg
Target:	SLC25A24
Binding Specificity:	AA 1-293
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC25A24 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-SLC25A24 Antibody Picoband®
Immunogen:	E.coli-derived human SLC25A24 recombinant protein (Position: M1-I293).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SLC25A24 Antibody Picoband® (ABIN7599228). Tested in ELISA, Flow Cytometry, IF, IHC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	SLC25A24
Alternative Name:	SLC25A24 (SLC25A24 Products)
Background:	<p>Synonyms: Kinesin-like protein KIF20B, Cancer/testis antigen 90, CT90, Kinesin family member 20B, Kinesin-related motor interacting with PIN1, M-phase phosphoprotein 1, MPP1, KIF20B, KRMP1</p> <p>Tissue Specificity: Brain, ovary, kidney and testis. Overexpressed in bladder cancer cells.</p> <p>Expressed in testis. Overexpressed in bladder cancer cells.</p> <p>Background: Calcium-binding mitochondrial carrier protein SCaMC-1 is a protein that in humans is encoded by the SLC25A24 gene. This gene encodes a carrier protein that transports ATP-Mg exchanging it for phosphate. Multiple transcript variants encoding different isoforms have been found for this gene.</p>
Molecular Weight:	45 kDa
Gene ID:	29957

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human</p> <p>Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Adolphs, N., Klein, M., Haberl, E. J., Graul-Neumann, L., Menneking, H., Hoffmeister, B. Necrotizing soft tissue infection of the scalp after fronto-facial advancement by internal distraction in a 7-year-old girl with Gorlin-Chaudhry-Moss syndrome--a case report. J. Craniomaxillofac. Surg. 39: 554-561, 2011. 2. Castori, M., Silvestri, E., Pedace, L., Marseglia, G., Tempera, A., Antigoni, I., Torricelli, F., Majore, S., Grammatico, P. Fontaine-Farriaux syndrome: a recognizable craniosynostosis syndrome with nail, skeletal, abdominal, and central nervous system anomalies. Am. J. Med. Genet. 149A: 2193-2199, 2009. 3. del Arco, A., Satrustegui, J. Identification of a novel human subfamily of mitochondrial carriers with calcium-binding domains. J. Biol. Chem. 279: 24701-24713, 2004.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
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Handling

Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.