

Datasheet for ABIN7600165
anti-SLC25A23 antibody (AA 16-189)



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Overview

Quantity:	100 µg
Target:	SLC25A23
Binding Specificity:	AA 16-189
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC25A23 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-SLC25A23 Antibody Picoband®
Immunogen:	E.coli-derived human SLC25A23 recombinant protein (Position: R16-L189).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	<p>Anti-SLC25A23 Antibody Picoband® (ABIN7600165). Tested in ELISA, IHC, WB applications.</p> <p>This antibody reacts with Human, Mouse, Rat. 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.</p>
Purification:	Immunogen affinity purified.

Target Details

Target:	SLC25A23
Alternative Name:	SLC25A23 (SLC25A23 Products)
Background:	<p>Synonyms: Tudor domain-containing protein 3, TDRD3</p> <p>Tissue Specificity: Detected in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.</p> <p>Background: Predicted to enable ATP transmembrane transporter activity. Involved in calcium import into the mitochondrion, positive regulation of mitochondrial calcium ion concentration, and regulation of cellular hyperosmotic salinity response. Located in mitochondrion.</p>
Molecular Weight:	48-54 kDa
Gene ID:	79085

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Mouse, Rat</p> <p>Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Mouse, Rat</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. 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
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 Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	<p>At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.</p> <p>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.</p>