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Datasheet for ABIN7469004
anti-SLC25A15 antibody

Overview

Quantity:	100 µL
Target:	SLC25A15
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human SLC25A15. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	SLC25A15
Alternative Name:	solute carrier family 25 member 15 (SLC25A15 Products)
Background:	Synonyms: solute carrier family 25 member 15 , D13S327 , HHH , ORC1 , ORNT1 Background: The SLC25A15 gene encodes the mitochondrial ornithine transporter, which transports ornithine across the inner mitochondrial membrane from the cytosol to the mitochondrial matrix. This is a vital step in the urea cycle, which serves to eliminate toxic

Target Details

ammonium ions from the breakdown of nitrogen (Camacho et al., 1999 [PubMed 10369256]).[supplied by OMIM]

Molecular Weight: 33 kDa

Gene ID: 10166

UniProt: [Q9Y619](#)

Application Details

Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: Raji

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.71 mg/mL

Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

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

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.