

Datasheet for ABIN2781693
anti-SLC25A32 antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	SLC25A32
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio), Cow, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC25A32 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SLC25A32
Sequence:	NRLPEAQLST VEYISVAALS KIFAVAATYP YQVVRARLQD QHMFYSGVID
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against SLC25A32. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SLC25A32
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Target Details

Alternative Name:	SLC25A32 (SLC25A32 Products)
Background:	<p>SLC25A32 transports folate across the inner membranes of mitochondria. Folate metabolism is distributed between the cytosolic and mitochondrial compartments. SLC25A32 is a transporter that shuttles folates from the cytoplasm into mitochondria (Titus and Moran, 2000 [PubMed 10978331]).[supplied by OMIM].</p> <p>Alias Symbols: FLJ23872, MFT, MFTC</p> <p>Protein Interaction Partner: HNRNPU, ELAVL1, UBC,</p> <p>Protein Size: 315</p>
Molecular Weight:	35 kDa
Gene ID:	81034
NCBI Accession:	NM_030780 , NP_110407
UniProt:	Q9H2D1
Pathways:	Dicarboxylic Acid Transport

Application Details

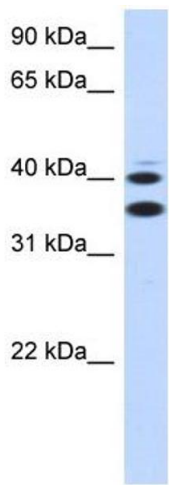
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 315 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-SLC25A32 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Transfected 293T