

Datasheet for ABIN2781638

anti-slc25a13 antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	slc25a13
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This slc25a13 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of human SLC25A12
Sequence:	RINLPAPNPD HVGGYKLAVA TFAGIENKFG LYLPLFKPSV STSKAIGGGP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against SLC25A13. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	slc25a13
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Target Details

Alternative Name:	SLC25A13 (slc25a13 Products)
Background:	<p>This gene encodes a calcium-binding mitochondrial carrier protein. The encoded protein localizes to the mitochondria and is involved in the exchange of aspartate for glutamate across the inner mitochondrial membrane. Polymorphisms in this gene may be associated with autism, and mutations in this gene may also be a cause of global cerebral hypomyelination. Alternatively spliced transcript variants have been observed for this gene.</p> <p>Alias Symbols: AGC1, ARALAR</p> <p>Protein Size: 567</p>
Molecular Weight:	62 kDa
Gene ID:	8604
NCBI Accession:	NM_003705 , NP_003696
UniProt:	O75746
Pathways:	Ribonucleoside Biosynthetic Process , Dicarboxylic Acid Transport

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
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 repeat 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.



Western Blotting

Image 1. Host: Rabbit Target Name: SLC25A13 Sample Type: 721_B Whole Cell lysates Antibody Dilution: 1.0ug/ml