# antibodies - online.com







## anti-SLC25A4 antibody (N-Term)



**Images** 



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Quantity:	100 μL	
Target:	SLC25A4	
Binding Specificity:	N-Term	
Reactivity:	Human, Mouse, Rat, Guinea Pig, Rabbit, Cow, Sheep, Dog, Zebrafish (Danio rerio), Goat, Horse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SLC25A4 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC)	
Product Details		
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SLC25A4	
Sequence:	LLQVQHASKQ ISAEKQYKGI IDCVVRIPKE QGFLSFWRGN LANVIRYFPT	
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 86%	
Characteristics:	This is a rabbit polyclonal antibody against SLC25A4. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Affinity Purified	
Target Details		
Target:	SLC25A4	
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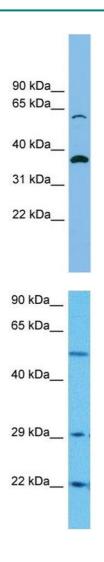
### Target Details

Alternative Name:	SLC25A4 (SLC25A4 Products)	
Background:	This gene is a member of the mitochondrial carrier subfamily of solute carrier protein genes.	
	The product of this gene functions as a gated pore that translocates ADP from the	
	mitochondrial matrix into the cytoplasm. The protein forms a homodimer embedded in the	
	inner mitochondria membrane. Mutations in this gene have been shown to result in autosoma	
	dominant progressive external opthalmoplegia and familial hypertrophic cardiomyopathy.	
	Alias Symbols: ANT, ANT1, PEO2, PEO3, T1, AAC1	
	Protein Interaction Partner: UBC, MDM2, PARK2, CLN5, CLN3, UBL4A, RPLP0P6, RPL10L,	
	UQCRFS1P1, UQCRC1, RPS3A, RPS2, RPSA, GALNT2, UBD, COPS5, CDK2, TCF3, SUMO4, ICT1	
	NFKBIA, MGMT, PPID, PPIF, BAX, AR, PRKCE, NR3C1,	
	Protein Size: 298	
Molecular Weight:	33 kDa	
Gene ID:	291	
NCBI Accession:	NM_001151, NP_001142	
UniProt:	Q05962	
Pathways:	Proton Transport, Dicarboxylic Acid Transport	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 298 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

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-SLC25A4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: RPMI 8226 cell lysate SLC25A4 is supported by BioGPS gene expression data to be expressed in RPMI 8226

### **Western Blotting**

Image 2. Host: Rabbit Target Name: SLC25A4 Sample Tissue: Human DLD1 Whole Cell Antibody Dilution: 1ug/ml

22 kDa-

# SLC25A4

# 90 kDa— 65 kDa— Host: Rabbit Target Name: SLC25A4 Sample Type: RPMI-8226 Antibody Dilution: 1ug/ml

### **Western Blotting**

Image 3. Host: Rabbit Target Name: SLC25A4 Sample Tissue: Human RPMI-8226 Antibody Dilution: 1.0ug/ml

Please check the product details page for more images. Overall 5 images are available for ABIN2781568.