# antibodies - online.com







# anti-SLC25A28 antibody (C-Term)



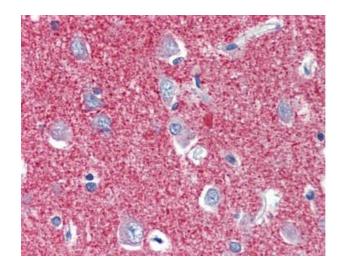


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Quantity:	100 μL
Target:	SLC25A28
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC25A28 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SLC25A28
Sequence:	NTQESLALNS HITGHITGMA SAFRTVYQVG GVTAYFRGVQ ARVIYQIPST
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against SLC25A28. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	

## Target Details

Alternative Name:	SLC25A28 (SLC25A28 Products)	
Background:	SLC25A28 is a mitochondrial iron transporter that mediates iron uptake. It is probably required for heme synthesis of hemoproteins and Fe-S cluster assembly in non-erythroid cells. The iron delivered into the mitochondria, presumably as Fe(2+), is then probably delivered to ferrochelatase to catalyze Fe(2+) incorporation into protoprophyrin IX to make heme.  Alias Symbols: DKFZp547C109, MFRN2, MRS3/4, MRS4L, NPD016  Protein Size: 364	
Molecular Weight:	39 kDa	
Gene ID:	81894	
NCBI Accession:	NM_031212, NP_112489	
UniProt:	Q96A46	
Pathways:	Transition Metal Ion Homeostasis	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 364 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.	



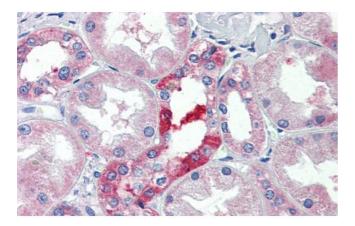
#### **Immunohistochemistry**

Image 1.

90 kDa\_\_ 65 kDa\_\_ 40 kDa\_\_ 31 kDa\_\_

#### **Western Blotting**

Image 2. WB Suggested Anti-SLC25A28 Antibody Titration:1 ug/ml Positive Control: MCF-7 whole cell lysates



### **Immunohistochemistry**

**Image 3.** Immunohistochemistry with Human kidney lysate tissue at an antibody concentration of 5.0ug/ml using anti-SLC25A28 antibody