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Datasheet for ABIN2781736

# anti-SLC39A5 antibody (N-Term)



**Images** 



Go to Product page

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Quantity:	100 μL	
Target:	SLC39A5	
Binding Specificity:	N-Term	
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SLC39A5 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC)	
Product Details		
Product Details Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human	
	The immunogen is a synthetic peptide directed towards the N terminal region of human SLC39A5	
Immunogen:	SLC39A5	
Immunogen: Sequence:	SLC39A5  MGSPVSHLLA GFCVWVVLGW VGGSVPNLGP AEQEQNHYLA QLFGLYGENG  Cow: 86%, Dog: 93%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 100%, Rabbit: 100%,	
Immunogen:  Sequence:  Predicted Reactivity:	SLC39A5  MGSPVSHLLA GFCVWVVLGW VGGSVPNLGP AEQEQNHYLA QLFGLYGENG  Cow: 86%, Dog: 93%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%  This is a rabbit polyclonal antibody against SLC39A5. It was validated on Western Blot and	
Immunogen:  Sequence:  Predicted Reactivity:  Characteristics:	SLC39A5  MGSPVSHLLA GFCVWVVLGW VGGSVPNLGP AEQEQNHYLA QLFGLYGENG  Cow: 86%, Dog: 93%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%  This is a rabbit polyclonal antibody against SLC39A5. It was validated on Western Blot and immunohistochemistry.	

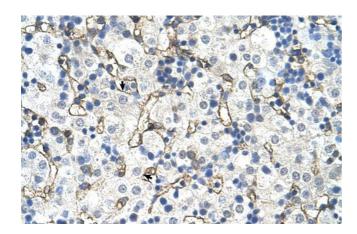
# Target Details

Alternative Name:	SLC39A5 (SLC39A5 Products)		
Background:	Zinc is an essential cofactor for hundreds of enzymes. It is involved in protein, nucleic acid,		
	carbohydrate, and lipid metabolism, as well as in the control of gene transcription, growth,		
	development, and differentiation. SLC39A5 belongs to a subfamily of proteins that show		
	structural characteristics of zinc transporters. Zinc is an essential cofactor for hundreds of		
	enzymes. It is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, as well as in		
	the control of gene transcription, growth, development, and differentiation. SLC39A5 belongs to		
	a subfamily of proteins that show structural characteristics of zinc transporters (Taylor and		
	Nicholson, 2003).[supplied by OMIM].		
	Alias Symbols: LZT-Hs7, MGC34778, ZIP5		
	Protein Size: 539		
Molecular Weight:	56 kDa		
Gene ID:	283375		
NCBI Accession:	NM_173596, NP_775867		
UniProt:	Q6ZMH5		
Pathways:	Transition Metal Ion Homeostasis		
Application Details			
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.		
Comment:	Antigen size: 539 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

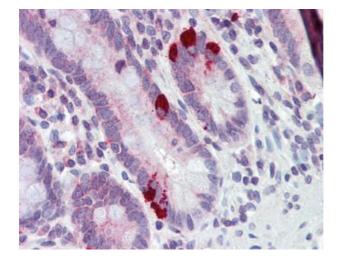
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small
	aliquots to prevent freeze-thaw cycles.

# Validation report #100008 for Western Blotting (WB)



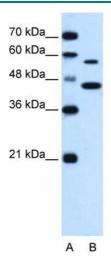
#### Immunohistochemistry

Image 1. Human Liver



#### **Immunohistochemistry**

Image 2.



#### **Western Blotting**

Image 3. WB Suggested Anti-SLC39A5 Antibody Titration:0.5ug/ml Positive Control: HepG2 cell lysate

Please check the product details page for more images. Overall 7 images are available for ABIN2781736.