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# anti-SLC39A7 antibody (AA 201-300) (AbBy Fluor® 488)



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Quantity:	100 μL
Target:	SLC39A7
Binding Specificity:	AA 201-300
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC39A7 antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human SLC39A7
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

## **Target Details**

Target:	SLC39A7
Alternative Name:	Slc39a7 (SLC39A7 Products)

## **Target Details**

Synonyms: D6S115E, D6S2244E, H2 KE4, Histidine rich membrane protein Ke4, Histidine-rich	
membrane protein Ke4, HKE4, HLA class II region expressed gene KE4, KE4, Ke4 gene mouse,	
human homolog of, Really interesting new gene 5 protein, RING5, S39A7_HUMAN, SLC39A7,	
Solute carrier family 39 zinc transporter, member 7, Solute carrier family 39 member 7, solute	
carrier family 39 zinc transporter member 7, Zinc transporter SLC39A7, ZIP7.	
Background: Zinc is an essential cofactor for more than 50 classes of enzymes and is involved	
in protein, nucleic acid, carbohydrate, and lipid metabolism, plus the control of gene	
transcription, growth, development, and differentiation. Zinc cannot passively diffuse across	
cell membranes and requires specific transporters, such as SLC39A7, to enter the cytosol from	
both the extracellular environment and from intracellular storage compartments.	
7922	
Transition Metal Ion Homeostasis	
IF(IHC-P) 1:50-200	
IF(IHC-F) 1:50-200	
IF(ICC) 1:50-200	
For Research Use only	
Liquid	
1 μg/μL	
Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and	
50 % Glycerol.	
ProClin	
This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	
handled by trained staff only.	
-20 °C	
Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	
12 months	