

Datasheet for ABIN7445834
anti-SLC39A7 antibody (AA 171-469)



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	SLC39A7
Binding Specificity:	AA 171-469
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC39A7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Solute Carrier Family 39, Member 7 (SLC39A7)
Immunogen:	Recombinant Solute Carrier Family 39, Member 7 (SLC39A7) corresponding to Ile171~Glu469 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SLC39A7. It has been selected for its ability to recognize SLC39A7 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

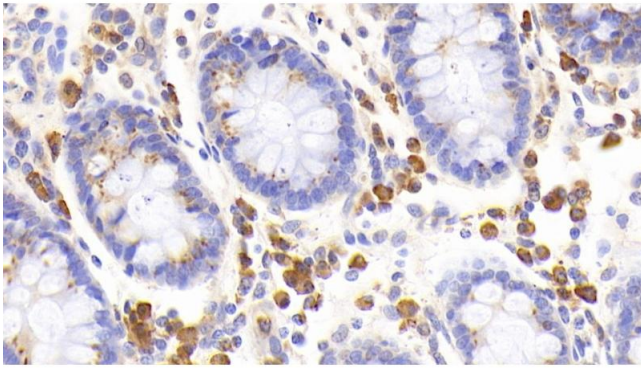
Target:	SLC39A7
Alternative Name:	Solute Carrier Family 39, Member 7 (SLC39A7 Products)
Background:	SLC39A7, RING5, HKE4, KE4, ZIP7, HLA Class II Region Expressed Gene KE4, Zinc Transporter Protein 7, Really interesting new gene 5, Histidine-rich membrane protein Ke4
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

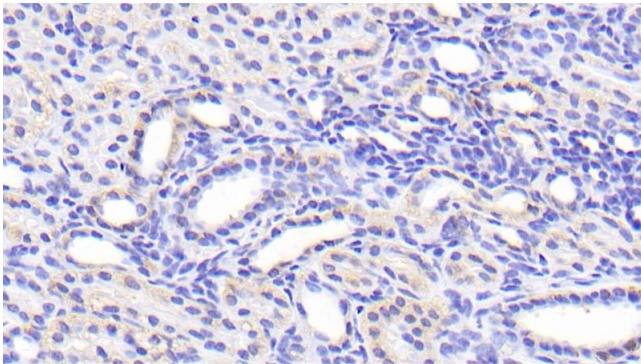
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



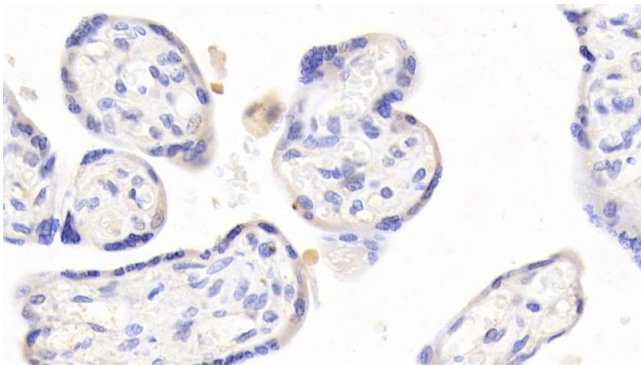
Immunohistochemistry

Image 1. Detection of SLC39A7 in Human Colon Tissue using Polyclonal Antibody to Solute Carrier Family 39, Member 7 (SLC39A7)



Immunohistochemistry

Image 2. Detection of SLC39A7 in Human Kidney Tissue using Polyclonal Antibody to Solute Carrier Family 39, Member 7 (SLC39A7)



Immunohistochemistry

Image 3. Detection of SLC39A7 in Human Placenta Tissue using Polyclonal Antibody to Solute Carrier Family 39, Member 7 (SLC39A7)