

Rabbit anti-Human SLC41A1 Polyclonal Antibody | anti-SLC41A1 antibody

SLC41A1 Antibody

CATALOG # AAA234849	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

SLC41A1; Polyclonal Antibody; SLC41A1 Antibody; Solute carrier family 41 member 1; anti-SLC41A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	513
Applicable Applications for anti-SLC41A1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Solute carrier family 41 member 1 protein (1-96AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234849 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234849 diluted at 1:400 and staining in paraffin-embedded human heart tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC41A1 antibody	Acts as a magnesium transporter that is responsive to magnesium balance.
Product Categories/Family for anti-SLC41A1 antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	51702206
NCBI GeneID	254428
NCBI Accession #	NP_776253.3
NCBI GenBank Nucleotide #	NM_173854.5
UniProt Accession #	Q8IVJ1; Q63HJ4; Q658Z5; Q659A4; Q6MZK2
Molecular Weight	54,901 Da
NCBI Official Full Name	solute carrier family 41 member 1
NCBI Official Synonym Full Names	solute carrier family 41 member 1
NCBI Official Symbol	SLC41A1
NCBI Official Synonym Symbols	MgtE
NCBI Protein Information	solute carrier family 41 member 1
UniProt Protein Name	Solute carrier family 41 member 1
UniProt Gene Name	SLC41A1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc41a1-antibody-immunofluorescence-immunohistochemistry-elisa/234849>