

Rabbit anti-Human SLC46A1 Polyclonal Antibody | anti-SLC46A1 antibody

Rabbit anti-SLC46A1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212681	Rabbit	Human	Immunoprecipitation, Western Blot

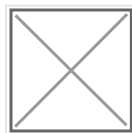
PRODUCT SYNONYMS

SLC46A1; Polyclonal Antibody; Rabbit anti-SLC46A1 Antibody; Affinity Purified; heme carrier protein 1; proton-coupled folate transporter; Solute carrier family 46 member 1; solute carrier family 46 (folate transporter); member 1; PCFT; G21; HCP1; PCFT/HCP1; Proton-coupled folate transporter; solute carrier family 46 member 1; anti-SLC46A1 antibody

PRODUCT SPECIFICATIONS

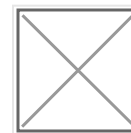
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-SLC46A1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 225 and 275
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human SLC46A1 by western blot. Samples: Whole cell lysate (50 ug) prepared using NETN buffer from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-SLC46A1 antibody AAA212681 (lot AAA212681-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human SLC46A1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) prepared using NETN buffer from HeLa cells. Antibodies: Affinity purified rabbit anti-SLC46A1 antibody AAA212681 (lot AAA212681-1) used for IP at 6 ug per reaction. SLC46A1 was also immunoprecipitated by rabbit anti-SLC46A1 antibody BL16362. For blotting immunoprecipitated SLC46A1, AAA212681 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC46A1 antibody	Solute carrier family 46 member 1 (SLC46A1) has been shown to act both as an intestinal proton-coupled high-affinity folate transporter and as an intestinal heme transporter which mediates heme uptake from the gut lumen into duodenal epithelial cells. The iron is then released from heme and may be transported into the bloodstream. Dietary heme iron is an important nutritional source of iron. SLC46A1 shows a higher affinity for folate than heme [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q96NT5].
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31543204
NCBI GeneID	113235
NCBI Accession #	NP_542400.2
NCBI GenBank Nucleotide #	NM_080669.5
UniProt Accession #	Q96NT5; Q1HE20; Q86T92; Q8TEG3; Q96FL0
Molecular Weight	46,644 Da
NCBI Official Full Name	proton-coupled folate transporter isoform 1
NCBI Official Synonym Full Names	solute carrier family 46 (folate transporter), member 1
NCBI Official Symbol	SLC46A1
NCBI Official Synonym Symbols	G21; HCP1; PCFT
NCBI Protein Information	proton-coupled folate transporter; heme carrier protein 1
UniProt Protein Name	Proton-coupled folate transporter
UniProt Gene Name	SLC46A1
UniProt Synonym Gene Names	HCP1; PCFT
UniProt Entry Name	PCFT_HUMAN

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/slc46a1-antibody-immunoprecipitation-western-blot-elisa/212681>