

Rabbit SLC41A2 Polyclonal Antibody | anti-SLC41A2 antibody

SLC41A2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288399	Rabbit	Human (Predicted Reactivity: Monkey)	Immunohistochemistry, ELISA, Western Blot

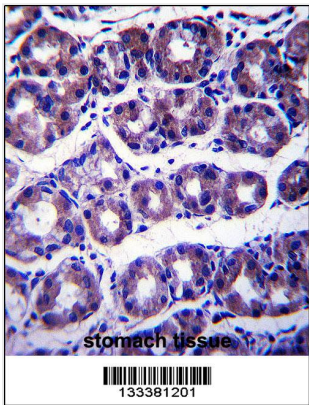
PRODUCT SYNONYMS

SLC41A2; Polyclonal Antibody; SLC41A2 Antibody (N-term); Solute carrier family 41 member 2; anti-SLC41A2 antibody

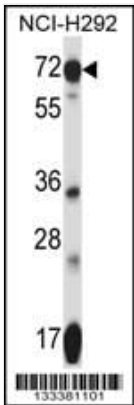
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SLC41A2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 35-63 amino acids from the N-terminal region of human SLC41A2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	35-63
Sequence Length	573
Applicable Applications for anti-SLC41A2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
SLC41A2 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of SLC41A2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
SLC41A2 Antibody (N-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the SLC41A2 antibody detected the SLC41A2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SLC41A2 antibody	SLC41A2 acts as a plasma-membrane magnesium transporter.
Product Categories/Family for anti-SLC41A2 antibody	Signal Transduction
References	Lamesch, P., et al. Genomics 89(3):307-315(2007) Goytain, A., et al. Biochem. Biophys. Res. Commun. 330(3):701-705(2005) Wabakken, T., et al. Biochem. Biophys. Res. Commun. 306(3):718-724(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	207444687
NCBI GeneID	84102
NCBI Accession #	NP_115524.3
NCBI GenBank Nucleotide #	NM_032148.3
UniProt Accession #	Q96JW4; Q3KP68; Q9H0E5
Molecular Weight	62473
NCBI Official Full Name	solute carrier family 41 member 2
NCBI Official Synonym Full Names	solute carrier family 41 (magnesium transporter), member 2
NCBI Official Symbol	SLC41A2
NCBI Official Synonym Symbols	SLC41A1-L1
NCBI Protein Information	solute carrier family 41 member 2
UniProt Protein Name	Solute carrier family 41 member 2
UniProt Gene Name	SLC41A2
UniProt Entry Name	S41A2_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.

