

SLC41A2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13832a**Specification**

SLC41A2 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O96JW4
Other Accession	O4R335 , NP_115524.3
Reactivity	Human
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	62473
Antigen Region	35-63

SLC41A2 Antibody (N-term) - Additional Information**Gene ID** 84102**Other Names**

Solute carrier family 41 member 2, SLC41A2

Target/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.

Dilution

WB~~1:1000

IHC-P~~1:10~50

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SLC41A2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SLC41A2 Antibody (N-term) - Protein Information**Name** SLC41A2

Function Acts as a plasma-membrane magnesium transporter (PubMed:[16984228](#)). Can also mediate the transport of other divalent metal cations in an order of $\text{Ba}(2+) > \text{Ni}(2+) > \text{Co}(2+) > \text{Fe}(2+) > \text{Mn}(2+)$ (By similarity).

Cellular Location

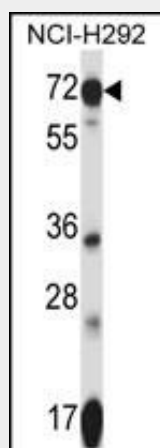
Cell membrane; Multi-pass membrane protein

SLC41A2 Antibody (N-term) - Protocols

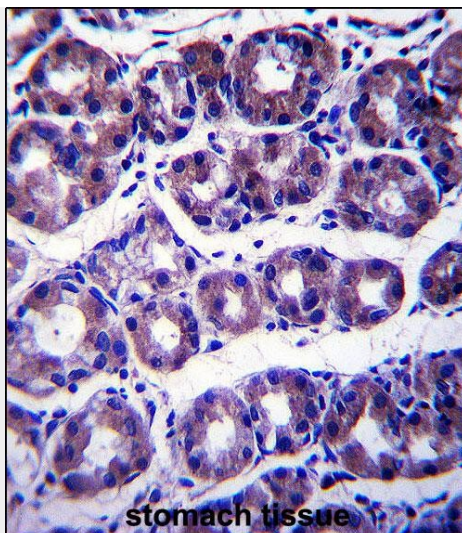
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SLC41A2 Antibody (N-term) - Images



SLC41A2 Antibody (N-term) (Cat. #AP13832a) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the SLC41A2 antibody detected the SLC41A2 protein (arrow).



SLC41A2 Antibody (N-term) (Cat. #AP13832a) 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.

SLC41A2 Antibody (N-term) - Background

SLC41A2 acts as a plasma-membrane magnesium transporter.

SLC41A2 Antibody (N-term) - 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)