

Anti-SLC15A1 / PEPT1 Antibody (aa225-274)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18364**Specification**

Anti-SLC15A1 / PEPT1 Antibody (aa225-274) - Product Information

Application	WB, IHC-P, E
Primary Accession	P46059
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	78806

Anti-SLC15A1 / PEPT1 Antibody (aa225-274) - Additional Information**Gene ID** 6564**Alias Symbol** **SLC15A1****Other Names**

SLC15A1, HPECT1, PEPT1, HPEPT1, Peptide transporter 1

Target/Specificity

SLC15A1 Antibody detects endogenous levels of SLC15A1.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-SLC15A1 / PEPT1 Antibody (aa225-274) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-SLC15A1 / PEPT1 Antibody (aa225-274) - Protein Information**Name** SLC15A1 ([HGNC:10920](#))**Function**

Electrogenic proton-coupled amino-acid transporter that transports oligopeptides of 2 to 4 amino acids with a preference for dipeptides. Transports neutral and monovalently charged peptides with a proton to peptide stoichiometry of 1:1 or 2:1 (PubMed:7896779, PubMed:9835627, PubMed:8914574, PubMed:15521010, PubMed:18367661, PubMed:19685173, PubMed:26320580) (By similarity). Primarily responsible for the absorption of dietary di- and tripeptides from the small

intestinal lumen (By similarity). Mediates transepithelial transport of muramyl and N-formylated bacterial dipeptides contributing to recognition of pathogenic bacteria by the mucosal immune system (PubMed: [9835627](http://www.uniprot.org/citations/9835627), PubMed: [15521010](http://www.uniprot.org/citations/15521010)).

Cellular Location

Apical cell membrane; Multi-pass membrane protein. Note=Localized to the apical membrane of enterocytes

Tissue Location

Expressed in small intestine.

Anti-SLC15A1 / PEPT1 Antibody (aa225-274) - 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](#)

Anti-SLC15A1 / PEPT1 Antibody (aa225-274) - Images