

## Rabbit PEPT1 Polyclonal Antibody | anti-PEPT1 antibody

PEPT1 Polyclonal Antibody

|                               |                       |                                        |                                     |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA295577</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|

### PRODUCT SYNONYMS

PEPT1; Polyclonal Antibody; PEPT1 Polyclonal Antibody; SLC15A1; Solute carrier family 15 member 1; Intestinal H (+)/peptide cotransporter; Oligopeptide transporter; small intestine isoform; Peptide transporter 1; anti-PEPT1 antibody

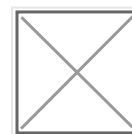
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-PEPT1 antibody | WB (Western Blot)                                                                                                                                     |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.


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### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                   |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PEPT1 antibody | Proton-coupled intake of oligopeptides of 2 to 4 amino acids with a preference for dipeptides. May constitute a major route for the absorption of protein digestion end-products. |
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### NCBI AND UNIPROT INFORMATION

|                                  |                                                               |
|----------------------------------|---------------------------------------------------------------|
| NCBI GI #                        | 4827008                                                       |
| NCBI GeneID                      | 6564                                                          |
| NCBI Accession #                 | NP_005064.1                                                   |
| NCBI GenBank Nucleotide #        | NM_005073.3                                                   |
| UniProt Accession #              | P46059; Q5VW82                                                |
| Molecular Weight                 | 78,806 Da                                                     |
| NCBI Official Full Name          | solute carrier family 15 member 1                             |
| NCBI Official Synonym Full Names | solute carrier family 15 (oligopeptide transporter), member 1 |
| NCBI Official Symbol             | SLC15A1                                                       |

|                               |                                                                                                                                                                                                                                           |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Official Synonym Symbols | PEPT1; HPECT1; HPEPT1                                                                                                                                                                                                                     |
| NCBI Protein Information      | solute carrier family 15 member 1; peptide transporter 1; Caco-2 oligopeptide transporter; intestinal H <sup>+</sup> /peptide cotransporter; macrophage oligopeptide transporter PEPT1; oligopeptide transporter, small intestine isoform |
| UniProt Protein Name          | Solute carrier family 15 member 1                                                                                                                                                                                                         |
| UniProt Gene Name             | <b>SLC15A1</b>                                                                                                                                                                                                                            |
| UniProt Synonym Gene Names    | PEPT1                                                                                                                                                                                                                                     |
| UniProt Entry Name            | S15A1_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/pept1-antibody-western-blot-elisa/295577>