

**Epsin2 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP2182b****Specification**

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**Epsin2 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [O95208](#)**Epsin2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 22905**Other Names**

Epsin-2, EPS-15-interacting protein 2, EPN2, KIAA1065

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP2182b](/product/products/AP2182b) was selected from the C-term region of human Epsin2 . A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**Epsin2 Antibody (C-term) Blocking Peptide - Protein Information****Name** EPN2**Synonyms** KIAA1065**Function**

Plays a role in the formation of clathrin-coated invaginations and endocytosis.

**Cellular Location**

Cytoplasm. Cytoplasmic vesicle, clathrin-coated vesicle. Note=In punctate structures throughout the cell, associated with clathrin-coated vesicles, and particularly concentrated in the region of the Golgi complex

**Tissue Location**

Highest expression is found in brain. Detected at lower levels in lung and liver.

## **Epsin2 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **Epsin2 Antibody (C-term) Blocking Peptide - Images**

## **Epsin2 Antibody (C-term) Blocking Peptide - Background**

Epsin2 plays a role in the formation of clathrin-coated invaginations and endocytosis. It binds to EPS15 (via the NPF repeat domain), as well as to AP-2 and clathrin (via the DPW repeat domain). The protein resides in the cytoplasm, in punctate structures throughout the cell, associated with clathrin-coated vesicles, and is particularly concentrated in the region of the Golgi complex. Highest expression is found in brain, with lower levels detected in lung and liver.

## **Epsin2 Antibody (C-term) Blocking Peptide - References**

Ota, T., et al., Nat. Genet. 36(1):40-45 (2004). Kikuno, R., et al., DNA Res. 6(3):197-205 (1999). Rosenthal, J.A., et al., J. Biol. Chem. 274(48):33959-33965 (1999).