

ADAM30 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP8805b**Specification**

ADAM30 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9UKF2](#)**ADAM30 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 11085**Other Names**

Disintegrin and metalloproteinase domain-containing protein 30, ADAM 30, 3424-, ADAM30

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8805b](/products/AP8805b) was selected from the C-term region of human ADAM30. 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.

ADAM30 Antibody (C-term) Blocking Peptide - Protein Information**Name** ADAM30**Function**

Plays a role in lysosomal amyloid precursor protein (APP) processing by cleaving and activating CTSD/cathepsin D which leads to APP degradation (PubMed:<http://www.uniprot.org/citations/27333034>).

Cellular Location

Late endosome membrane; Single-pass type I membrane protein

Tissue Location

Expressed in brain neurons (at protein level) (PubMed:27333034). Expressed in testis (PubMed:10512762)

ADAM30 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ADAM30 Antibody (C-term) Blocking Peptide - Images

ADAM30 Antibody (C-term) Blocking Peptide - Background

ADAM30 is a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis.

ADAM30 Antibody (C-term) Blocking Peptide - References

Hu,C., et.al., PLoS ONE 4 (10), E7643 (2009)