

FAM189A2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17483a**Specification**

FAM189A2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q15884](#)

FAM189A2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 9413

Other Names

Protein FAM189A2, Protein X123, FAM189A2, C9orf61, X123

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.

FAM189A2 Antibody (N-term) Blocking Peptide - Protein Information

Name ENTREP1 ([HGNC:24820](#))

Function

Functions as an activator of the E3 ubiquitin protein ligase ITCH in the ubiquitination of the CXCL12-activated CXCR4 receptor. Thereby, triggers CXCR4 endocytosis and desensitization, negatively regulating the CXCL12/CXCR4 signaling pathway.

Cellular Location

Early endosome membrane; Single-pass type I membrane protein. Late endosome membrane; Single-pass type I membrane protein. Recycling endosome membrane; Single-pass type I membrane protein. Cell membrane; Single-pass type I membrane protein. Note=Enriched in endosomes compared to the cell membrane.

Tissue Location

Prominently expressed in muscle.

FAM189A2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

FAM189A2 Antibody (N-term) Blocking Peptide - Images**FAM189A2 Antibody (N-term) Blocking Peptide - Background**

The function of this protein remains unknown.

FAM189A2 Antibody (N-term) Blocking Peptide - References

Humphray, S.J., et al. Nature 429(6990):369-374(2004) Duclos, F., et al. Hum. Mol. Genet. 3(6):909-914(1994)