

FAM19A4 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP10245a**Specification**

FAM19A4 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [O96LR4](#)
Other Accession [NP_001005527.1](#), [NP_872328.1](#)

FAM19A4 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 151647

Other Names

Protein FAM19A4, Chemokine-like protein TAFA-4, FAM19A4, TAFA4

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.

FAM19A4 Antibody (N-term) Blocking peptide - Protein Information

Name TAFA4 ([HGNC:21591](#))

Function

Modulates injury-induced and chemical pain hypersensitivity (By similarity). Ligand of FPR1, can chemoattract macrophages, promote phagocytosis and increase ROS release (PubMed:25109685).

Cellular Location

Secreted

Tissue Location

Expressed in brain (PubMed:15028294). Expressed in LPS-stimulated monocytes and macrophages, especially in polarized M1 (PubMed:25109685).

FAM19A4 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

FAM19A4 Antibody (N-term) Blocking peptide - Images

FAM19A4 Antibody (N-term) Blocking peptide - Background

This gene is a member of the Tafa family which is composed of five highly homologous genes that encode small secreted proteins. These proteins contain conserved cysteine residues at fixed positions, and are distantly related to MIP-1 α , a member of the CC-chemokine family. The Tafa proteins are predominantly expressed in specific regions of the brain, and are postulated to function as brain-specific chemokines or neurokinins, that act as regulators of immune and nervous cells. Transcript variants with different 5' UTRs, but encoding the same protein, have been found for this gene.

FAM19A4 Antibody (N-term) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ; Yoshida, T., et al. Int. J. Mol. Med. 25(4):649-656(2010) Oguri, M., et al. Am. J. Hypertens. 23(1):70-77(2010) Tom Tang, Y., et al. Genomics 83(4):727-734(2004)