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FAM19A4 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP10245a

Specification

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

Primary Accession	Q96LR4
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 composedof five highly homologous genes that encode small secretedproteins. These proteins contain conserved cysteine residues atfixed positions, and are distantly related to MIP-1alpha, a memberof the CC-chemokine family. The TAFA proteins are predominantlyexpressed in specific regions of the brain, and are postulated tofunction as brain-specific chemokines or neurokines, that act asregulators of immune and nervous cells. Transcript variants withdifferent 5' UTRs, but encoding the same protein, have been foundfor 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)