

FAM150B Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11475a**Specification**

FAM150B Antibody (N-term) Blocking peptide - Product Information

Primary Accession [O6UX46](#)
Other Accession [NP_001002919.2](#)

FAM150B Antibody (N-term) Blocking peptide - Additional Information

Gene ID 285016

Other Names

Protein FAM150B, FAM150B

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.

FAM150B Antibody (N-term) Blocking peptide - Protein Information

Name ALKAL2 {ECO:0000303|PubMed:30061385, ECO:0000312|HGNC:HGNC:27683}

Function

Cytokine that acts as a physiological ligand for receptor tyrosine kinases LTK and ALK, leading to their activation (PubMed:26418745, PubMed:26630010, PubMed:30061385, PubMed:33411331, PubMed:34646012, PubMed:34819673). Cytokine-binding is sufficient to activate LTK (PubMed:34646012). In contrast, ALKAL2-driven activation of ALK is coupled with heparin-binding to ALK (PubMed:34646012). Stimulation of ALK signaling is involved in neural development and regulation of energy expenditure (PubMed:34646012, PubMed:34819673).

Cellular Location

Secreted. Cell membrane. Note=Following interaction with receptor tyrosine kinase ALK,

associates with the cell membrane, membrane-binding is required to activate ALK

Tissue Location

Widely expressed with highest levels in adrenal gland and modest levels in pancreas, testis and uterus

FAM150B Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

FAM150B Antibody (N-term) Blocking peptide - Images**FAM150B Antibody (N-term) Blocking peptide - References**

Cirulli, E.T., et al. Eur. J. Hum. Genet. 18(7):815-820(2010)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)Venter, J.C., et al. Science 291(5507):1304-1351(2001)