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TNFAIP8L2 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP11345a

Specification

TNFAIP8L2 Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q6P589

TNFAIP8L2 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 79626

Other Names
Tumor necrosis factor alpha-induced protein 8-like protein 2, TIPE2, TNF alpha-induced protein 8-like protein 2, TNFAIP8-like protein 2, Inflammation factor protein 20, TNFAIP8L2

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.

TNFAIP8L2 Antibody (N-term) Blocking peptide - Protein Information

Name TNFAIP8L2

Function
Acts as a negative regulator of innate and adaptive immunity by maintaining immune homeostasis (PubMed:27043859). Plays a regulatory role in the Toll-like signaling pathway by determining the strength of LPS-induced signaling and gene expression (PubMed:32188758). Inhibits TCR-mediated T-cell activation and negatively regulate T-cell function to prevent hyperresponsiveness (By similarity). Inhibits also autolysosome formation via negatively modulating MTOR activation by interacting with RAC1 and promoting the disassociation of the RAC1-MTOR complex (PubMed:32460619). Plays an essential role in NK-cell biology by acting as a checkpoint and displaying an expression pattern correlating with NK-cell maturation process and by negatively regulating NK-cell maturation and antitumor immunity (By similarity). Mechanistically, suppresses IL-15-triggered mTOR activity in NK-cells (By similarity).

Cellular Location
Cytoplasm. Nucleus. Lysosome

Tissue Location
Expressed in T-cells, B-cells, macrophages, neurons in the brain and brainstem, and stratified squamous epithelia of the esophagus, cervix and skin.

TNFAIP8L2 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

TNFAIP8L2 Antibody (N-term) Blocking peptide - Images

TNFAIP8L2 Antibody (N-term) Blocking peptide - Background

Acts as a negative regulator of innate and adaptive immunity by maintaining immune homeostasis. Negative regulator of Toll-like receptor and T-cell receptor function. Prevents hyperresponsiveness of the immune system and maintains immune homeostasis. Inhibits JUN/AP1 and NF-kappa-B activation. Promotes Fas-induced apoptosis (By similarity).

TNFAIP8L2 Antibody (N-term) Blocking peptide - References

Zhang, G., et al. Mol. Immunol. 47(15):2435-2442(2010)