

TNFAIP8L2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11345a

Specification

TNFAIP8L2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q6P589
Other Accession	B7NZC7 , NP_078851.2
Reactivity	Mouse
Predicted	Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	20556
Antigen Region	29-58

TNFAIP8L2 Antibody (N-term) - 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

Target/Specificity

This TNFAIP8L2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 29-58 amino acids from the N-terminal region of human TNFAIP8L2.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TNFAIP8L2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TNFAIP8L2 Antibody (N-term) - 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). Also inhibits 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

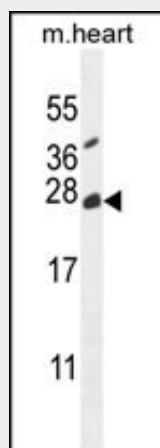
Expressed in T-cells, B-cells, macrophages, neurons in the brain and brainstem, and stratified squamous epithelia of the esophagus, cervix and skin.

TNFAIP8L2 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TNFAIP8L2 Antibody (N-term) - Images



TNFAIP8L2 Antibody (N-term) (Cat. #AP11345a) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the TNFAIP8L2 antibody detected the TNFAIP8L2 protein (arrow).

TNFAIP8L2 Antibody (N-term) - 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) - References

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