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# 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). 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

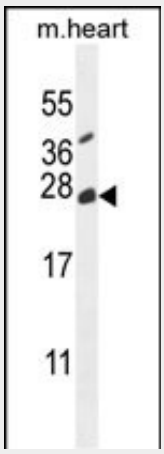
**Tissue Location**
Expressed in T-cells, B-cells, macrophages, neurons in the brain and brainstem, and stratified squamous epithelia of the esophagus, cervix and skin.

## TNFAIP8L2 Antibody (N-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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)