

Anti-TNFAIP8L3 Antibody
Catalog # ABO11567**Specification**

Anti-TNFAIP8L3 Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q5GJ75
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Tumor necrosis factor alpha-induced protein 8-like protein 3 (TNFAIP8L3) detection. Tested with WB, IHC-P in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-TNFAIP8L3 Antibody - Additional Information

Gene ID 388121

Other Names

Tumor necrosis factor alpha-induced protein 8-like protein 3, TNF alpha-induced protein 8-like protein 3, TNFAIP8-like protein 3, TNFAIP8L3, TIPE3

Calculated MW

32659 MW KDa

Application Details

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat
Western blot, 0.1-0.5 µg/ml, Human

Protein Name

Tumor necrosis factor alpha-induced protein 8-like protein 3

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Thimerosal, 0.05mg NaN₃.

Immunogen

A synthetic peptide corresponding to a sequence at the C-terminus of human TNFAIP8L3(273-292aa RPNLKRICEGINKLLDEKVL), different from the related mouse and rat sequences by two amino acids.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Sequence Similarities

Belongs to the TNFAIP8 family.

Anti-TNFAIP8L3 Antibody - Protein Information

Name TNFAIP8L3

Synonyms TIPE3

Function

Acts as a lipid transfer protein. Preferentially captures and shuttles two lipid second messengers, i.e., phosphatidylinositol 4,5- biphosphate and phosphatidylinositol 3,4,5-trisphosphate and increases their levels in the plasma membrane. Additionally, may also function as a lipid-presenting protein to enhance the activity of the PI3K-AKT and MEK-ERK pathways. May act as a regulator of tumorigenesis through its activation of phospholipid signaling.

Cellular Location

Cytoplasm. Cell membrane {ECO:0000250|UniProtKB:Q3TBL6}. Note=On PDGF activation, translocates from cytoplasm to plasma membrane {ECO:0000250|UniProtKB:Q3TBL6}

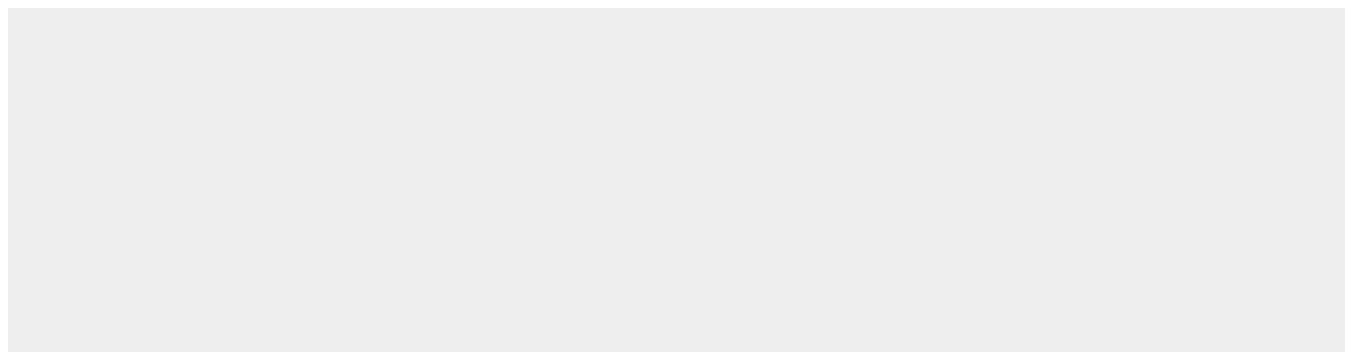
Tissue Location

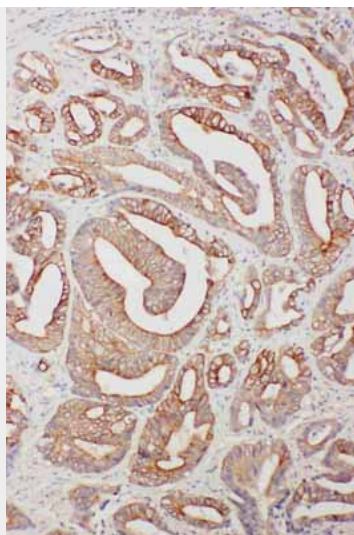
Widely expressed (at protein level) (PubMed:25479791). Highly expressed in most carcinoma cell lines (PubMed:25242044, PubMed:25479791).

Anti-TNFAIP8L3 Antibody - Protocols

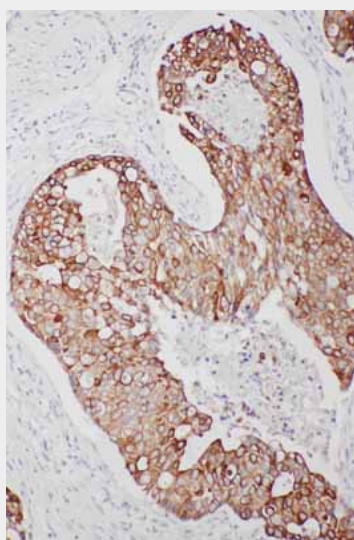
Provided below are standard protocols that you may find useful for product applications.

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

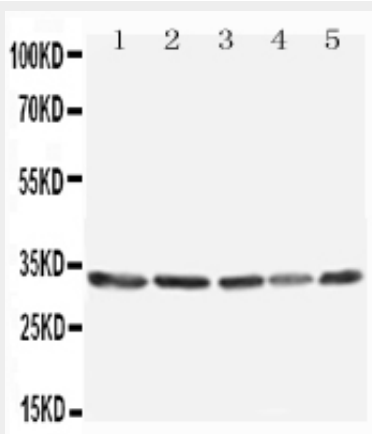
Anti-TNFAIP8L3 Antibody - Images



Anti-TNFAIP8L3 antibody, ABO11567, IHC(P)IHC(P): Human Intestinal Cancer Tissue



Anti-TNFAIP8L3 antibody, ABO11567, IHC(P)IHC(P): Human Mammary Cancer Tissue



Anti-TNFAIP8L3 antibody, ABO11567, All Western blottingAll lanes: Anti-TNFAIP8L3(ABO11567) at 0.5ug/mlLane 1: MCF-7 Whole Cell Lysate at 40ugLane 2: SW620 Whole Cell Lysate at 40ugLane 3: COS7 Whole Cell Lysate at 40ugLane 4: SKOV Whole Cell Lysate at 40ugLane 5: JURKAT Whole Cell Lysate at 40ugPredicted bind size: 33KDObserved bind size: 33KD

Anti-TNFAIP8L3 Antibody - Background

TNFAIP8L3 belongs to the TNFAIP8 family. It acts as a negative mediator of apoptosis and may play a role in tumor progression. This gene suppresses the TNF-mediated apoptosis by inhibiting caspase-8 activity but not the processing of procaspase-8, subsequently resulting in inhibition of BID cleavage and caspase-3 activation.