

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

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**Anti-TNFAIP8L3 Antibody - Product Information**

Application	IHC, WB
Primary Accession	<a href="#">Q5GJ75</a>
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<br>Western blot, 0.1-0.5 µg/ml, Human<br>

**Protein Name**

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

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg Thimerosal, 0.05mg NaN<sub>3</sub>.

**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}

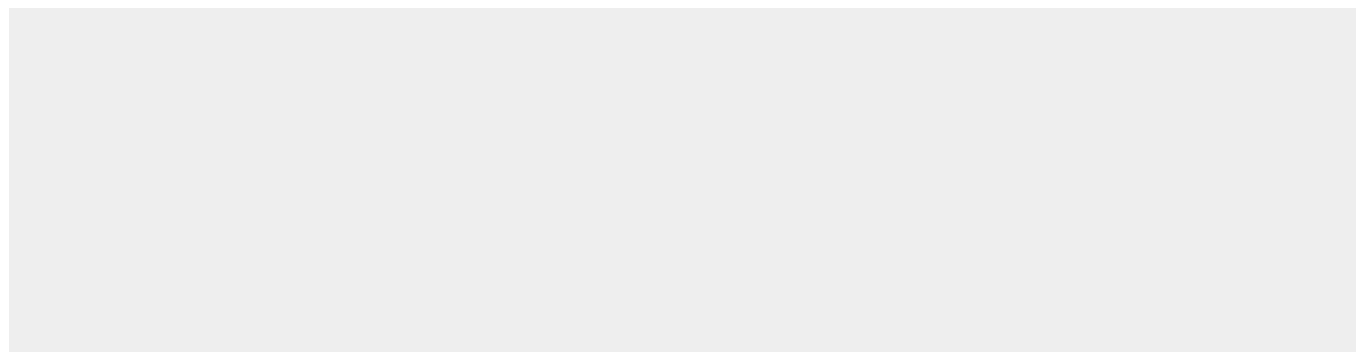
**Tissue Location**

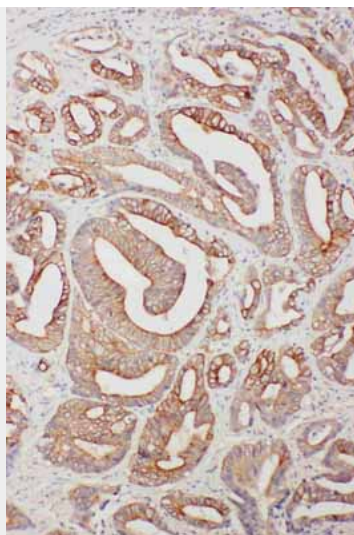
Widely expressed (at protein level) (PubMed:25479791). Highly expressed in most carcinoma cell lines (PubMed:25479791, PubMed:25242044).

**Anti-TNFAIP8L3 Antibody - Protocols**

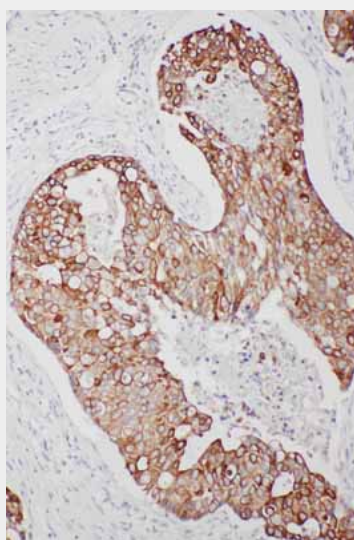
Provided below are standard protocols that you may find useful for product applications.

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

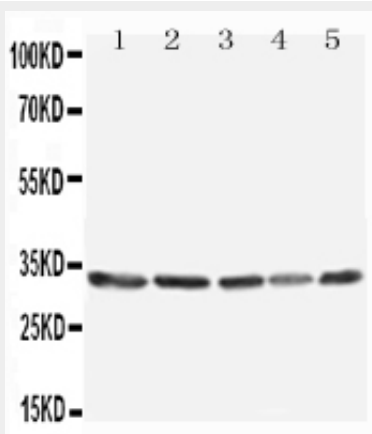
**Anti-TNFAIP8L3 Antibody - Images**



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.