

Anti-TNFAIP8L3 Antibody

Catalog # ABO11567

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.

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
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat Western blot, 0.1-0.5 µg/ml, Human
Source	Eukaryota
Protein Name	Tumor necrosis factor alpha-induced protein 8-like protein 3
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
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

Sequence Similarities

freezing and thawing.
Belongs to the TNFAIP8 family.

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- bisphosphate 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.

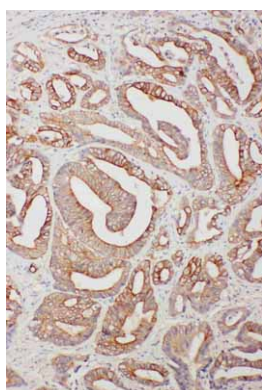
Cellular Location Cytoplasm. Cell membrane {ECO:0000250|UniProtKB:Q3TBL6}. Note=On PDGF activation, translocates from cytoplasm to plasma membrane {ECO:0000250|UniProtKB:Q3TBL6}

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

Background

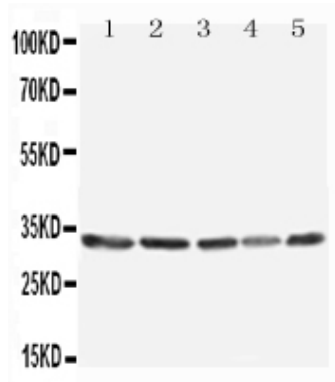
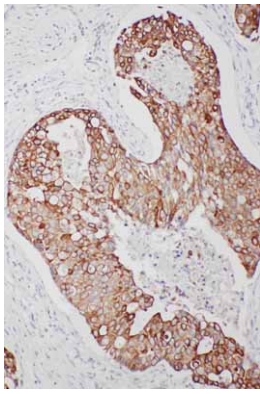
TNFAIP8L3 belongs to the TNFAIP8 family. It acts as a negative mediator of apoptosis and may play a role in tumor progression. This gene suppresses the TNF-mediated apoptosis by inhibiting caspase-8 activity but not the processing of procaspase-8, subsequently resulting in inhibition of BID cleavage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

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 blotting
 All lanes: Anti-TNFAIP8L3(ABO11567) at 0.5ug/ml
 Lane 1: MCF-7 Whole Cell Lysate at 40ug
 Lane 2: SW620 Whole Cell Lysate at 40ug
 Lane 3: COS7 Whole Cell Lysate at 40ug
 Lane 4: SKOV Whole Cell Lysate at 40ug
 Lane 5: JURKAT Whole Cell Lysate at 40ug
 Predicted bind size: 33KD
 Observed bind size: 33KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.