

TRAF3IP3 Antibody (aa251-300)
Rabbit Polyclonal Antibody
Catalog # ALS15899**Specification**

TRAF3IP3 Antibody (aa251-300) - Product Information

Application	IF
Primary Accession	O9Y228
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64kDa KDa

TRAF3IP3 Antibody (aa251-300) - Additional Information**Gene ID** 80342**Other Names**

TRAF3-interacting JNK-activating modulator, TRAF3-interacting protein 3, TRAF3IP3, T3JAM

Target/Specificity

T3JAM Antibody detects endogenous levels of total T3JAM protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

TRAF3IP3 Antibody (aa251-300) is for research use only and not for use in diagnostic or therapeutic procedures.

TRAF3IP3 Antibody (aa251-300) - Protein Information**Name** TRAF3IP3**Synonyms** T3JAM**Function**

Adapter protein that plays essential roles in both innate and adaptive immunity. Plays a crucial role in the regulation of thymocyte development (PubMed:26195727). Mechanistically, mediates TCR-stimulated activation through recruiting MAP2K1/MEK1 to the Golgi and, thereby, facilitating the interaction of MAP2K1/MEK1 with its activator BRAF (PubMed:26195727). Also plays an essential role in regulatory T-cell stability and function by recruiting the serine-threonine phosphatase catalytic subunit (PPP2CA) to the lysosome, thereby facilitating the interaction of PP2Ac with the mTORC1 component RPTOR and restricting glycolytic metabolism (PubMed:30115741). Positively regulates TLR4 signaling activity in macrophage-mediated inflammation by acting as a molecular

clamp to facilitate LPS-induced translocation of TLR4 to lipid rafts (PubMed:30573680). In response to viral infection, facilitates the recruitment of TRAF3 to MAVS within mitochondria leading to IRF3 activation and interferon production (PubMed:31390091). However, participates in the maintenance of immune homeostasis and the prevention of overzealous innate immunity by promoting 'Lys-48'- dependent ubiquitination of TBK1 (PubMed:32366851).

Cellular Location

Cell membrane. Golgi apparatus membrane; Single-pass type IV membrane protein. Lysosome membrane {ECO:0000250|UniProtKB:Q8C0G2}. Mitochondrion outer membrane.
Note=Accumulates on the mitochondria after virus infection.

Volume

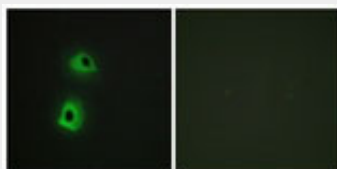
50 µl

TRAF3IP3 Antibody (aa251-300) - 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](#)

TRAF3IP3 Antibody (aa251-300) - Images



Immunofluorescence of HeLa cells, using T3JAM Antibody.

TRAF3IP3 Antibody (aa251-300) - Background

May function as an adapter molecule that regulates TRAF3-mediated JNK activation.

TRAF3IP3 Antibody (aa251-300) - References

Rhodes S.,et al.Submitted (APR-1999) to the EMBL/GenBank/DDBJ databases.
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Vasilescu J.,et al.J. Proteome Res. 6:298-305(2007).
Sjoeblom T.,et al.Science 314:268-274(2006).