

TRAF3IP3 polyclonal antibody

Catalog: BS30857

Host: Rabbit

Reactivity: Human

BackGround:

TRAF3-interacting JNK-activating modulator: Adapter protein that plays essential roles in both innate and adaptive immunity. Plays a crucial role in the regulation of thymocyte development. Mechanistically, mediates TCR-stimulated activation through recruiting MAP2K1/MEK1 to the Golgi and, thereby, facilitating the interaction of MAP2K1/MEK1 with its activator BRAF. 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. 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. In response to viral infection, facilitates the recruitment of TRAF3 to MAVS within mitochondria leading to IRF...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~63.6 kDa

Swiss-Prot:

Q9Y228

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/100), IF/ICC (1/50 - 1/200), IP (1/10 - 1/100)

Storage&Stability:

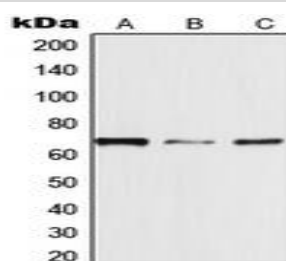
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

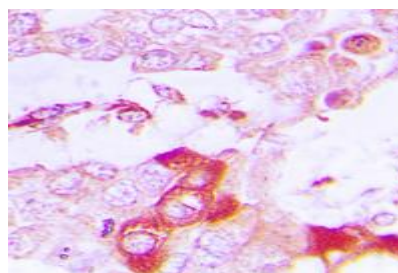
Specificity:

Recognizes endogenous levels of TRAF3IP3 protein.

DATA:



Western blot analysis of ATF2 (Phospho-T69) expression in HeLa (A), NIH3T3 (B), PC12 (C) whole cell lysates.



Immunohistochemical analysis of ATF2 (Phospho-T69) staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Note:

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PRODUCT DATA SHEET

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For research use only, not for use in diagnostic procedure.

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