TRAF2 Rabbit mAb

Catalog No: #49161

Package Size: #49161-1 50ul #49161-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

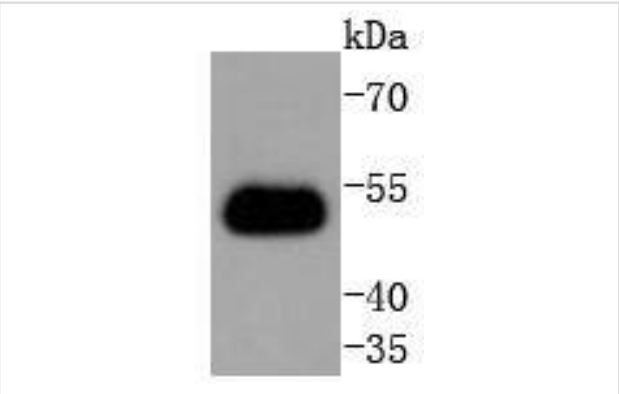
Description

Product Name	TRAF2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SD205-06
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, IP, FC
Species Reactivity	Human;Mouse;Rat
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	E3 ubiquitin-protein ligase TRAF2 antibody MGC:45012 antibody OTTHUMP00000022625 antibody OTTHUMP00000064745 antibody TNF receptor associated factor 2 antibody TNF receptor-associated factor 2 antibody TNF receptor-associated protein antibody TRAF 2 antibody TRAF2 antibody TRAF2_HUMAN antibody TRAP 3 antibody TRAP antibody TRAP3 antibody Tumor necrosis factor type 2 receptor associated protein 3 antibody Tumor necrosis factor type 2 receptor-associated protein 3 antibody
Accession No.	Swiss-Prot#:Q12933
Calculated MW	56 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

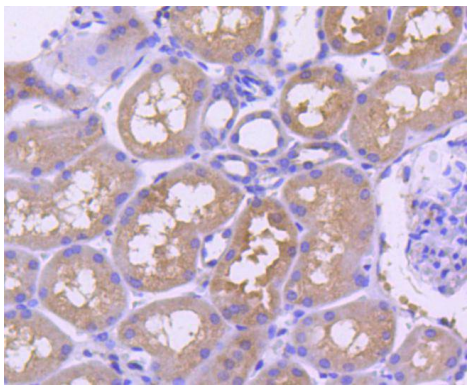
Application Details

WB: 1:1,000-5,000IHC: 1:50-1:200 ICC: 1:50-1:200FC: 1:50-1:100

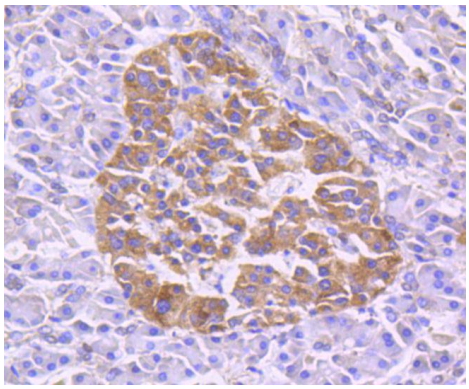
Images



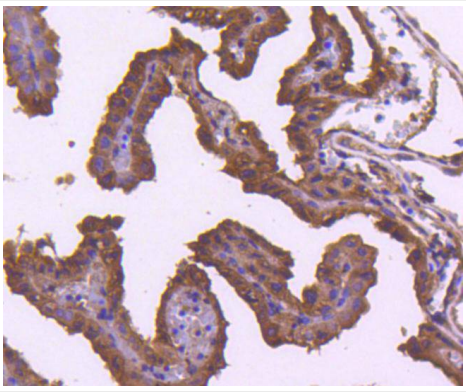
Western blot analysis of TRAF2 on Hela cells lysates using anti-TRAF2 antibody at 1/1,000 dilution.



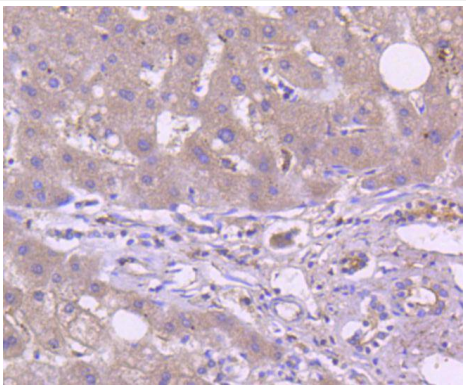
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-TRAF2 antibody. Counter stained with hematoxylin.



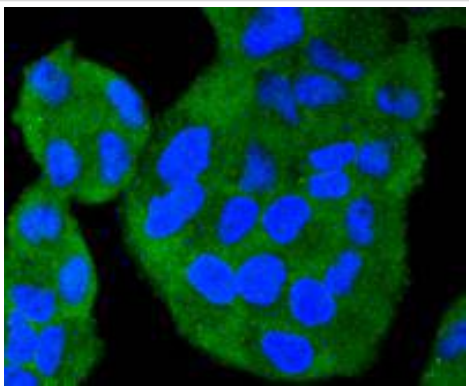
Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-TRAF2 antibody. Counter stained with hematoxylin.



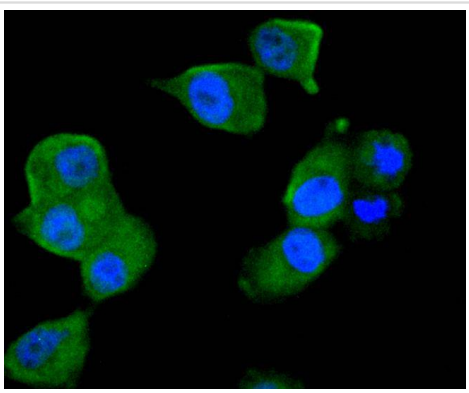
Immunohistochemical analysis of paraffin-embedded mouse placenta tissue using anti-TRAF2 antibody. Counter stained with hematoxylin.



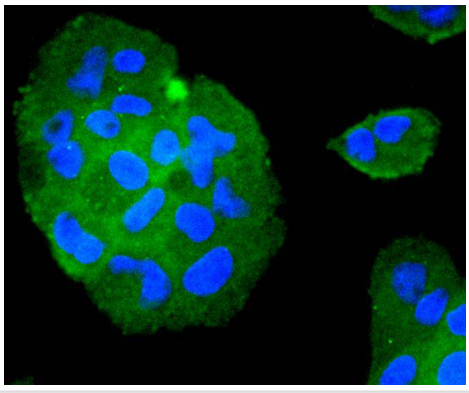
Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-TRAF2 antibody. Counter stained with hematoxylin.



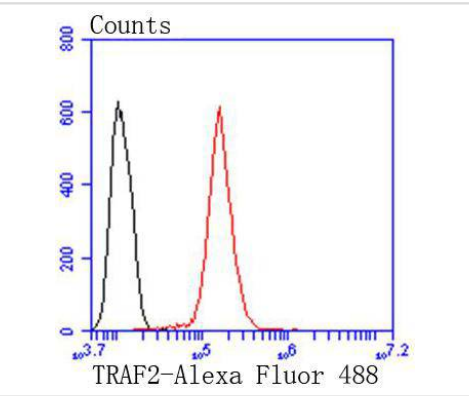
ICC staining TRAF2 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining TRAF2 in PANC-1 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining TRAF2 in RH-35 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of Hela cells with TRAF2 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

Background

Tumor necrosis factor (TNF)-activated cell signaling is mediated primarily through the TNF receptor 1 (TNF-R1) and, to a lesser extent, TNF-R2. Both TNF receptors are members of the expanding TNF receptor superfamily, which includes the FAS antigen and CD40. Potential insight into an understanding of TNF receptor-mediated signaling was provided by the identification of two related proteins, TRAF1 and TRAF2 (for TNF receptor-associated factors 1 and 2, respectively). Both function to form heterodimeric complexes and associate with the cytoplasmic domain of TNF-R2. A third member of this protein family, alternatively designated CD40 bp, CRAF1, LAP1 or TRAF3, has been identified and shown to associate with the cytoplasmic domain of CD40. The similarity between a specific region of TRAF3 with regions of TRAF1 and TRAF2 define a oΩ½oΩ½TRAF-CoΩ½oΩ½ domain that is necessary and sufficient for CD40 binding and homodimerization.

References

1. Guicciardi ME et al. Cellular inhibitor of apoptosis (cIAP)-mediated ubiquitination of phosphofurin acidic cluster sorting protein 2 (PACS-2) negatively regulates tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) cytotoxicity. PLoS One 9:e92124 (2014). 2. Fritsch, J. et al. 2014. Cell fate decisions regulated by k63 ubiquitination of tumor necrosis factor receptor 1. Molecular and cellular biology. 34: 3214-28.

Published Papers

Lei Chen;Xia Zhao;Rui Sheng;Philip Lazarovici;Wenhua Zheng el at., Artemisinin alleviates astrocyte overactivation and neuroinflammation by

modulating the IRE1/NF-κB signaling pathway in in vitro and in vivo Alzheimer's disease models., , (2025)
PMID:39826816

Note: This product is for in vitro research use only and is not intended for use in humans or animals.