

ARG63929 anti-TRAF1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes TRAF1
Tested Reactivity	Hu
Predict Reactivity	Ms
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	TRAF1
Species	Human
Immunogen	C-KLQSPKHAYVKDD
Conjugation	Un-conjugated
Alternate Names	EBI6; TNF receptor-associated factor 1; MGC:10353; Epstein-Barr virus-induced protein 6

Application Instructions

Application table	Application	Dilution
	IHC-P	2.5 µg/ml
	WB	0.3 - 1.0 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

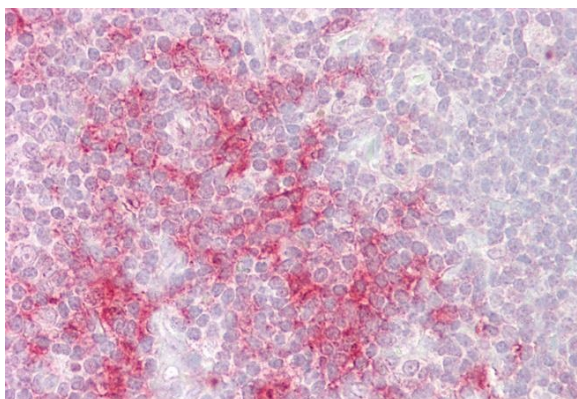
Database links	GeneID: 7185 Human Swiss-port # Q13077 Human
Background	The protein encoded by this gene is a member of the TNF receptor (TNFR) associated factor (TRAF) protein family. TRAF proteins associate with, and mediate the signal transduction from various receptors of the TNFR superfamily. This protein and TRAF2 form a heterodimeric complex, which is required for TNF-alpha-mediated activation of MAPK8/JNK and NF-kappaB. The protein complex formed by this protein and TRAF2 also interacts with inhibitor-of-apoptosis proteins (IAPs), and thus mediates the anti-apoptotic signals from TNF receptors. The expression of this protein can be induced by Epstein-Barr virus (EBV). EBV infection membrane protein 1 (LMP1) is found to interact with this and other TRAF proteins; this interaction is thought to link LMP1-mediated B lymphocyte transformation to the signal transduction from TNFR family receptors. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Gene Regulation antibody; Microbiology and Infectious Disease antibody; Signaling Transduction antibody
Calculated Mw	46 kDa
PTM	Polyubiquitinated by BIRC2 and/or BIRC3, leading to its subsequent proteasomal degradation.

Images



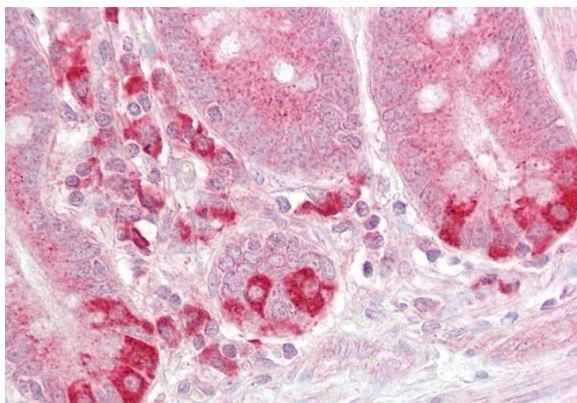
ARG63929 anti-TRAF1 antibody WB image

Western Blot: U937 cell lysate (35 µg protein in RIPA buffer) stained with ARG63929 anti-TRAF1 antibody at 0.5 µg/ml dilution.



ARG63929 anti-TRAF1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human thymus tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63929 anti-TRAF1 antibody at 2.5 µg/ml dilution followed by AP-staining.



ARG63929 anti-TRAF1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human small intestine tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63929 anti-TRAF1 antibody at 2.5 µg/ml dilution followed by AP-staining.