

ARG41226 anti-TRAF4 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TRAF4
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Hm
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TRAF4
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 437-454 of Human TRAF4. (PKFISHQDIRKRNRYRDD)
Conjugation	Un-conjugated
Alternate Names	RNF83; Metastatic lymph node gene 62 protein; MLN62; MLN 62; CART1; RING finger protein 83; Cysteine-rich domain associated with RING and Traf domains protein 1; TNF receptor-associated factor 4

Application Instructions

Application table	Application	Dilution
	IHC-P	1:200 - 1:1000
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 54 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.05% Thimerosal, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Thimerosal and 0.05% Sodium azide
Stabilizer	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.

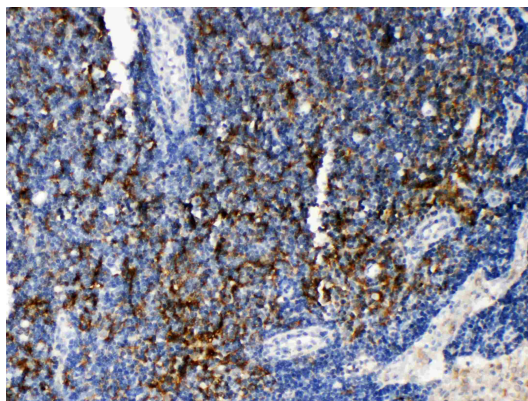
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

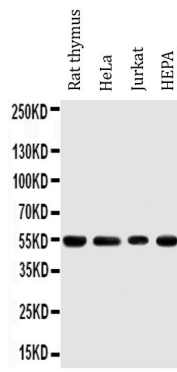
Gene Symbol	TRAF4
Gene Full Name	TNF receptor-associated factor 4
Background	This gene encodes a member of the TNF receptor associated factor (TRAF) family. TRAF proteins are associated with, and mediate signal transduction from members of the TNF receptor superfamily. The encoded protein has been shown to interact with neurotrophin receptor, p75 (NTR/NTSR1), and negatively regulate NTR induced cell death and NF-kappa B activation. This protein has been found to bind to p47phox, a cytosolic regulatory factor included in a multi-protein complex known as NAD(P)H oxidase. This protein thus, is thought to be involved in the oxidative activation of MAPK8/JNK. Alternatively spliced transcript variants have been observed but the full-length nature of only one has been determined. [provided by RefSeq, Jul 2008]
Function	Adapter protein and signal transducer that links members of the tumor necrosis factor receptor (TNFR) family to different signaling pathways. Plays a role in the activation of NF-kappa-B and JNK, and in the regulation of cell survival and apoptosis. Regulates activation of NF-kappa-B in response to signaling through Toll-like receptors. Required for normal skeleton development, and for normal development of the respiratory tract (By similarity). Required for activation of RPS6KB1 in response to TNF signaling. Modulates TRAF6 functions. [UniProt]
Calculated Mw	54 kDa
PTM	Polyubiquitinated, leading to its proteasomal degradation. [UniProt]
Cellular Localization	Cytoplasm. Nucleus. Cytoplasm, perinuclear region. Cell junction, tight junction. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm, cytoskeleton. [UniProt]

Images



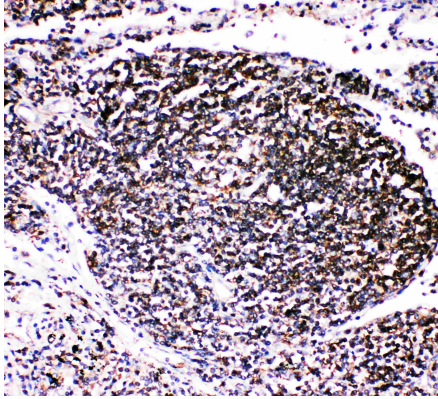
ARG41226 anti-TRAF4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat lymphonodus tissue stained with ARG41226 anti-TRAF4 antibody.



ARG41226 anti-TRAF4 antibody WB image

Western blot: Rat thymus, HeLa, Jurkat and HEPA cell lysates stained with ARG41226 anti-TRAF4 antibody.



ARG41226 anti-TRAF4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung cancer tissue stained with ARG41226 anti-TRAF4 antibody.