

Datasheet for ABIN2792211

anti-TRAF4 antibody (Middle Region)





Go to Product page

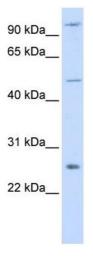
Overview	
Quantity:	100 μL
Target:	TRAF4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRAF4 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TRAF4
Sequence:	LEAPGGWLDH SNTSLGINTP VNGSPVCLEA WDPASAGPAR FSLSLLLFFL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against TRAF4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	TRAF4

Alternative Name:	TRAF4 (TRAF4 Products)
Background:	TRAF4 is 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. It 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are
	available for this gene. Please see the Entrez Gene record to access additional publications.
	Alias Symbols: CART1, MLN62, RNF83
	Protein Interaction Partner: HOMEZ, BYSL, REXO1L6P, PKD1P1, KANSL1, BCL6B, UBL4B,
	KRT40, FBXL18, BANP, SPDL1, ALKBH4, WBP11, ZNF581, ISYNA1, TBC1D7, GORASP2, EXOC7,
	BAHD1, WWP2, WWP1, MRPL28, NOS1AP, TRAF4, UBL4A, ZNF3, SUMO1, UBC, TYK2,
	TP53BP2, QARS, KRT31, ARNT2, TRAF2, USP15, TGF
	Protein Size: 470
Molecular Weight:	53 kDa
Gene ID:	9618
NCBI Accession:	NM_004295, NP_004286
UniProt:	Q9BUZ4
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 470 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-TRAF4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Hela cell lysate TRAF4 is supported by BioGPS gene expression data to be expressed in HeLa