G-Biosciences Image not found or type unknown

Immunotag™ TRAF6 Polyclonal Antibody

Antibody Specification

Catalog No.	ITT4720
Product Description	Immunotag™ TRAF6 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TRAF6
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from the Internal region of human TRAF6
Specificity	TRAF6 Polyclonal Antibody detects endogenous levels of TRAF6 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	TRAF6
Accession No.	Q9Y4K3 P70196 B5DF45
Alternate Names	TRAF6; RNF85; TNF receptor-associated factor 6; E3 ubiquitin-protein ligase TRAF6; Interleukin-1 signal transducer; RING finger protein 85

Antibody Specification

Description	TNF receptor associated factor 6(TRAF6) Homo sapiens The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF) protein family. TRAF proteins are associated with, and mediate signal transduction from, members of the TNF receptor superfamily. This protein mediates signaling from members of the TNF receptor superfamily as well as the Toll/IL-1 family. Signals from receptors such as CD40, TNFSF11/RANCE and IL-1 have been shown to be mediated by this protein. This protein also interacts with various protein kinases including IRAK1/IRAK, SRC and PKCzeta, which provides a link between distinct signaling pathways. This protein functions as a signal transducer in the NF-kappaB pathway that activates IkappaB kinase (IKK) in response to proinflammatory cytokines. The interaction of this protein with UBE2N/UBC13, and UBE2V1/UEV1A, which are ubiquitin conjugating enzymes catalyzing the formation of polyubiquitin chains, has
Cell Pathway/ Category	MAPK_ERK_Growth,MAPK_G_Protein,Ubiquitin mediated proteolysis,Endocytosis,Toll_Like,NOD-like receptor,RIG-I-like receptor,Neurotrophin,Pathways in cancer,Small cell lung cancer,
Protein Expression	Testis,Trachea,
Subcellular Localization	nucleus,nucleolus,cytoplasm,mitochondrion,lipid particle,cytosol,plasma membrane,cell cortex,cytoplasmic side of plasma membrane,endosome membrane,CD40 receptor complex,protein complex,perinuclear region of cy
Protein Function	domain:The coiled coil domain mediates homo- and hetero-oligomerization.,domain:The MATH/TRAF domain binds to receptor cytoplasmic domains.,function:Adapter protein and signal transducer that links members of the tumor necrosis factor receptor family to different signaling pathways by association with the receptor cytoplasmic domain and kinases. Also involved in the IL-1 signaling pathway via MYD88 and IRAK kinases. Seems to be involved in IL-17 signaling (By similarity). Mediates activation of NF-kappa-B and JNK. May function as an E3 ubiquitin ligase.,pathway:Protein modification; protein ubiquitination.,PTM:Polyubiquitinated.,similarity:Contains 1 MATH domain.,similarity:Contains 1 RING-type zinc finger.,similarity:Contains 2 TRAF-type zinc fingers.,subunit:Homotrimer (Probable). Binds to TNFRSF5/CD40 and TNFRSF11A/RANK. Associates with NGFR, TNFRSF17, IRAK1, IRAK2, IRAK3, IRAK4, RIPK2, MAP3K1, MAP3K5, MAP3K14, CSK, and TRAF-interacting protein TRIP and TRAF and TNF receptor associated protein TTRAP. Interacts with IL17R. Interacts with SQSTM1 bridging NTRK1 and NGFR. Forms a ternary complex with SQSTM1 and PRKCZ (By similarity). Interacts with PELI1, PELI2 and PELI3. Binds UBE2V1. Interacts with MAVS/IPS1. Interacts with TAX1BP1. Interacts with IL1RL1. Interacts with TRAFD1. Interacts with ZNF675. Interacts with JUB. Interacts with TICAM1 and TICAM2.,tissue specificity:Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.,
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