

TRAF6 Rabbit Polyclonal Antibody



CAB0973

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

57kDa

Calculated MW:

59kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Protein Background

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 I kappaB 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 been found to be required for IKK activation by this protein. This protein also interacts with the transforming growth factor (TGF) beta receptor complex and is required for Smad-independent activation of the JNK and p38 kinases. This protein has an amino terminal RING domain which is followed by four zinc-finger motifs, a central coiled-coil region and a highly conserved carboxyl terminal domain, known as the TRAF-C domain. Two alternatively spliced transcript variants, encoding an identical protein, have been reported.

Immunogen information

Gene ID:

7189

Uniprot

Q9Y4K3

Synonyms:

TRAF6; MGC:3310; RNF85

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 263-522 of human TRAF6 (NP_004611.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

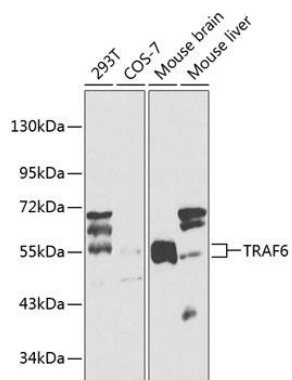
Isotype:

IgG

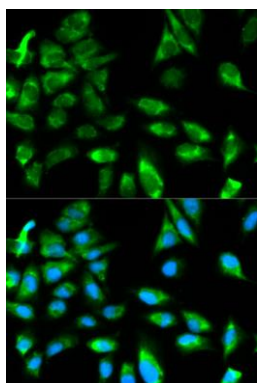
Purification:

Affinity purification

Product Images



Western blot analysis of extracts of various cell lines, using TRAF6 antibody (CAB0973) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of HeLa cells using TRAF6 antibody (CAB0973). Blue: DAPI for nuclear staining.