BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-TRAF6 Antibody

Catalog Number: A00185-1

About TRAF6

Signals from the IL-1 receptor (IL-1R)/Toll-like receptor (TLR) and TNF receptor (TNFR) superfamilies are critical for regulating the function of antigen-presenting cells. Signals transduced by these molecules lead to increased expression and activation of transcription factors such as NF-kappaB. TNF receptor-associated factor 6 (TRAF6) is unique in that it is a signaling adapter molecule common to both families. TRAF6 is important in cytokine production, dendritic cell (DC) maturation, and the T cell stimulatory capacity of DCs in response to TLR and CD40 ligands. It can be activated in the IL-1R/TLR signaling pathway by IL-1 receptor-associated kinase 1 (IRAK-1) or by other TLR adaptor molecules such as TRIF. Also, it has been shown that TRAF6 can interact directly with TNFR family members CD40 and RANK.

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Overview

Product Name	Anti-TRAF6 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TRAF6 Antibody (Catalog # A00185-1). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	TRAF6 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	TRAF6 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9Y4K3

Technical Details

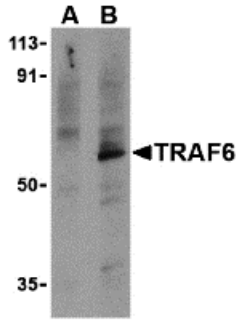
Immunogen	TRAF6 antibody was raised against a peptide corresponding to 14 amino acids near the C-terminus of human TRAF6. The immunogen is located within the last 50 amino acids of TRAF6.
Predicted Reactive Species	Bovine, Pig

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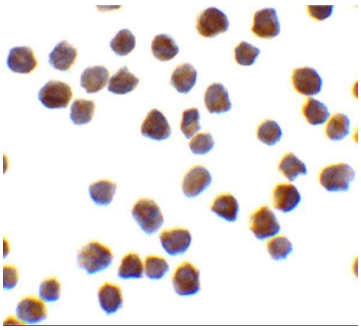
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TRAF6 Antibody is Ion exchange chromatography purified.
Suggested Dilutions	TRAF6 antibody can be used for detection of TRAF6 by Western blot at 1 ug/mL. Antibody can also be used for immunocytochemistry starting at 10 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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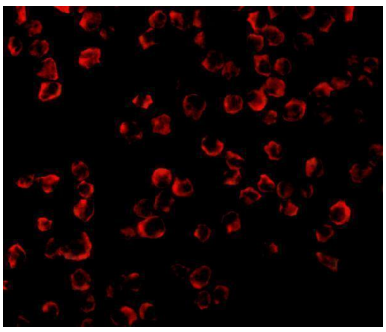
Anti-TRAF6 Antibody (A00185-1) Images



Western blot analysis of TRAF6 in PC-3 cell lysates with TRAF6 antibody at 1 ug/mL in the presence (A) or absence (B) of 1 ug blocking peptide.



Immunocytochemistry of TRAF6 in K562 cells with TRAF6 antibody at 0.5 ug/mL.



Immunofluorescence of TRAF6 in K562 cells with TRAF6 antibody at 20 ug/mL.

1 Publications Citing This Product

1. PubMed ID: 32855700, Liu L,Liu F,Sun Z,Peng Z,You T,Yu Z. LncRNA NEAT1 promotes apoptosis and inflammation in LPS-induced sepsis models by targeting miR-590-3p. Exp Ther Med.2020 Oct; 20(4):3290-3300. doi:10.3892/etm.2020.9079. Epub 2020 Jul 29.PMID:32855700;PMCID:PMC7444425.

Visit bosterbio.com/anti-traf6-antibody-a00185-1-boster.html to see all 1 publications.

Anti-TRAF6 Antibody

For Research Use Only. Not for use in diagnostic procedures.