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antibody and ELISA experts

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Anti-TRAF2 (S11) Antibody

Catalog Number: A00400S11

About TRAF2

Isoform 1:Non-catalytic component of a structure-specific DNA repair endonuclease responsible for the 5'-incision during DNA repair. Responsible, in conjunction with SLX4, for the first step in the repair of interstrand cross-links (ICL). Participates in the processing of anaphase bridge-generating DNA structures, which consist in incompletely processed DNA lesions arising during S or G2 phase, and can result in cytokinesis failure. Also required for homology-directed repair (HDR) of DNA double-strand breaks, in conjunction with SLX4.

Kan-Tai Hsia, Development, Jan 2003; 130: 369.
Jim Selfridge, Nucleic Acids Res., Nov 2001; 29: 4541 - 4550.
Cha-Kyung Youn, Cancer Res., Jul 2004; 64: 4849 - 4857.
Teresa A. Motycka, J. Biol. Chem., Apr 2004; 279: 13634 - 13639.

Overview

Product Name	Anti-TRAF2 (S11) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TRAF2 (S11) Antibody catalog # A00400S11. Tested in WB applications. This antibody reacts with Human,Mouse,Rat.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q12933

Technical Details

Immunogen	Synthesized peptide derived from human 53BP1 around the phosphorylation site of S6.
Predicted Reactive Species	Canine, Monkey
Cross Reactivity	Does not cross-react with eNOS or nNOS.
Isotype	IgG
Form	Liquid

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Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 118% (by SDS-PAGE).
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:500-1:1000

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Anti-TRAF2 (S11) Antibody (A00400S11) Images

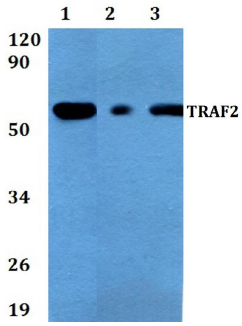

Figure 1. Western blotting validation for Anti-TRAF2 (S11) Antibody A00400S11

Western blot (WB) analysis of TRAF2 (S11) polyclonal antibody at 1:500 dilution
Lane1:HEK293T whole cell lysate
Lane2:Raw264.7 whole cell lysate
Lane3:PC12 whole cell lysate
Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

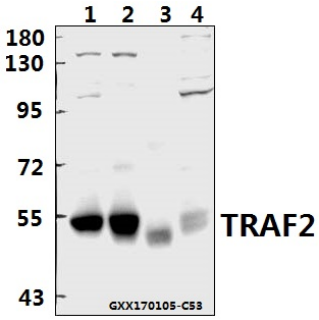

Figure 2. Western blotting validation for Anti-TRAF2 (S11) Antibody A00400S11

Western blot (WB) analysis of TRAF2 (S11) pAb at 1:500 dilution
Lane1:SGC7901 whole cell lysate(40ug)
Lane2:MCF-7 whole cell lysate(40ug)
Lane3:C6 whole cell lysate(40ug)
Lane4:AML-12 whole cell lysate(40ug)
Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

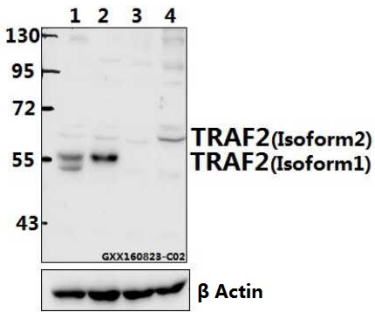

Figure 3. Western blotting validation for Anti-TRAF2 (S11) Antibody A00400S11

Western blot (WB) analysis of TRAF2 (S11) pAb at 1:500 dilution
Lane1:LO2 whole cell lysate(40ug)
Lane2:HCT116 whole cell lysate(40ug)
Lane3:NIH-3T3 whole cell lysate(40ug)
Lane4:C6 whole cell lysate(40ug)
Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration