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TRAF2 Antibody (aa205-222, clone 33A1293)

Mouse Monoclonal Antibody
Catalog # ALS12126

Specification

TRAF2 Antibody (aa205-222, clone 33A1293) - Product Information

Application	**WB, IHC**
Primary Accession	Q12933
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**56kDa KDa**

TRAF2 Antibody (aa205-222, clone 33A1293) - Additional Information

Gene ID 7186

Other Names
TNF receptor-associated factor 2, 6.3.2.-, E3 ubiquitin-protein ligase TRAF2, Tumor necrosis factor type 2 receptor-associated protein 3, TRAF2, TRAP3

Target/Specificity
A fusion protein corresponding to amino acids 205 to 222 of human TRAF2.

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions
TRAF2 Antibody (aa205-222, clone 33A1293) is for research use only and not for use in diagnostic or therapeutic procedures.

TRAF2 Antibody (aa205-222, clone 33A1293) - Protein Information

Name TRAF2

Synonyms TRAP3

Function
Regulates activation of NF-kappa-B and JNK and plays a central role in the regulation of cell survival and apoptosis (PubMed:22212761). Required for normal antibody isotype switching from IgM to IgG. Has E3 ubiquitin-protein ligase activity and promotes 'Lys- 63'-linked ubiquitination of target proteins, such as BIRC3, RIPK1 and TICAM1. Is an essential constituent of several E3 ubiquitin-protein ligase complexes, where it promotes the ubiquitination of target proteins by bringing them into contact with other E3 ubiquitin ligases. Regulates BIRC2 and BIRC3 protein levels by inhibiting their autoubiquitination and subsequent degradation; this does not depend on the TRAF2 RING-type zinc finger domain. Plays a role in mediating activation of NF-kappa-B by EIF2AK2/PKR. In complex with BIRC2 or BIRC3, promotes ubiquitination of IKBKE.

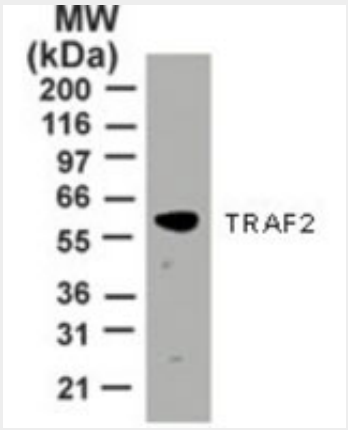
Cellular Location
Cytoplasm

TRAF2 Antibody (aa205-222, clone 33A1293) - Protocols

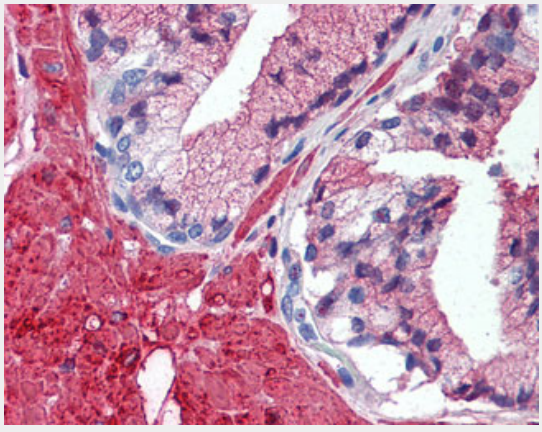
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TRAF2 Antibody (aa205-222, clone 33A1293) - Images



Western blot of 30 ug of HeLa cell lysate using antibody?at 2 ug/ml.



Anti-TRAF2 antibody IHC of human prostate.

TRAF2 Antibody (aa205-222, clone 33A1293) - Background

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as BIRC3, RIPK1 and TICAM1. Is an essential constituent of several E3 ubiquitin- protein ligase complexes, where it promotes the ubiquitination of target proteins by bringing them into contact with other E3 ubiquitin ligases. Regulates BIRC2 and BIRC3 protein levels by inhibiting their autoubiquitination and subsequent degradation; this does not depend on the TRAF2 RING-type zinc finger domain. Plays a role in mediating activation of NF-kappa-B by EIF2AK2/PKR. In complex with BIRC2 or BIRC3, promotes ubiquitination of IKBKE.

TRAF2 Antibody (aa205-222, clone 33A1293) - References

Song H.Y.,et al.Biochem. J. 309:825-829(1995).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Humphray S.J.,et al.Nature 429:369-374(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.