

Anti-TRAF2 Rabbit Monoclonal Antibody

Catalog # ABO13689

Product Information

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	Q12933
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-TRAF2 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	7186
Other Names	TNF receptor-associated factor 2, 2.3.2.27, E3 ubiquitin-protein ligase TRAF2, RING-type E3 ubiquitin transferase TRAF2, Tumor necrosis factor type 2 receptor-associated protein 3, TRAF2, TRAP3
Calculated MW	55859
Application Details	WB 1:500-1:1000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:40 FC 1:50
Subcellular Localization	Cytoplasm.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: HOG-20
Immunogen	A synthesized peptide derived from human TRAF2
Purification	Affinity-chromatography
Storage	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.

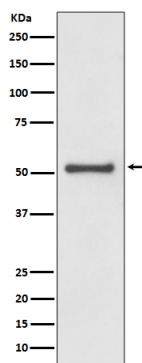
Protein Information

Name TRAF2 {ECO:0000303 | PubMed:28489822, ECO:0000312 | HGNC:HGNC:12032}

Function E3 ubiquitin-protein ligase that regulates activation of NF- kappa-B and JNK and plays a central role in the regulation of cell survival and apoptosis (PubMed:[10346818](#), PubMed:[11784851](#), PubMed:[12917689](#), PubMed:[15383523](#), PubMed:[18981220](#), PubMed:[19150425](#), PubMed:[19810754](#), PubMed:[19918265](#), PubMed:[19937093](#), PubMed:[20047764](#), PubMed:[20064526](#), PubMed:[20385093](#), PubMed:[20577214](#), PubMed:[22212761](#)). Catalyzes 'Lys-63'-linked ubiquitination of target proteins, such as BIRC3, IKBKE, MLST8, RIPK1 and TICAM1 (PubMed:[23453969](#), PubMed:[28489822](#)). 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 (PubMed:[15383523](#), PubMed:[18981220](#)). 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 (PubMed:[11907583](#), PubMed:[19506082](#)). Plays a role in mediating activation of NF-kappa-B by EIF2AK2/PKR (PubMed:[15121867](#)). In complex with BIRC2 or BIRC3, promotes ubiquitination of IKBKE (PubMed:[23453969](#)). Acts as a regulator of mTORC1 and mTORC2 assembly by mediating 'Lys-63'-linked ubiquitination of MLST8, thereby inhibiting formation of the mTORC2 complex, while facilitating assembly of the mTORC1 complex (PubMed:[28489822](#)). Required for normal antibody isotype switching from IgM to IgG (By similarity).

Cellular Location Cytoplasm

Images



Western blot analysis of TRAF2 expression in HeLa cell lysate.

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