

产品名称: TRAF4 (9Q19) Rabbit Monoclonal Antibody
产品货号: AMRe19186



产品概述 (Summary)

产品名称 (Production Name)	TRAF4 (9Q19) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,FC
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TRAF4
别名 (Alternative Names)	MLN 62; RING finger protein 83; TRAF4; CART1; MLN62; RNF83
基因 ID (Gene ID)	9618.0
蛋白 ID (SwissProt ID)	Q9BUZ4.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,FC 1:10-1:100
蛋白分子量 (Molecular Weight)	54kDa

研究背景 (Background)

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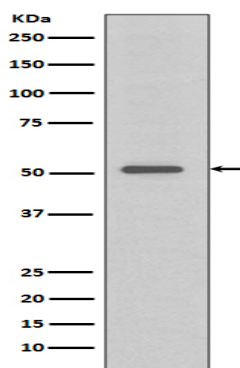
The tumor necrosis factor (TNF) receptor superfamily is composed of several type I integral membrane glycoproteins that exhibit homology in their cystine-rich extracellular domains. Members of this family include TNF-RI, TNF-RII and CD40. Ligands for these receptors can be small, secreted proteins, such as TNF, or type II integral membrane proteins, as is the case for the CD40 ligand, CD40L. While the signal transduction mechanism of the TNF receptor superfamily is poorly understood, activation of TNF-R or CD40 have been shown to induce the nuclear translocation of NFκB. Adapter protein with E3 ligase activity that is involved in many diverse biological processes including cell proliferation, migration, differentiation, DNA repair, platelet activation or apoptosis (PubMed: [30352854](http://www.uniprot.org/citations/30352854), PubMed: [31076633](http://www.uniprot.org/citations/31076633), PubMed: [32268273](http://www.uniprot.org/citations/32268273), PubMed: [33991522](http://www.uniprot.org/citations/33991522)). Promotes EGFR-mediated signaling by facilitating the dimerization of EGFR and downstream AKT activation thereby promoting cell proliferation (PubMed: [30352854](http://www.uniprot.org/citations/30352854)). Ubiquitinates SMURF2 through 'Lys-48'-linked ubiquitin chain leading to SMURF2 degradation through the proteasome and subsequently osteogenic differentiation (PubMed: [31076633](http://www.uniprot.org/citations/31076633)). Promotes 'Lys-63'-mediated ubiquitination of CHK1 which in turn activates cell cycle arrest and activation of DNA repair (PubMed: [32357935](http://www.uniprot.org/citations/32357935)). In addition, promotes an atypical 'Lys-29'-linked ubiquitination at the C-terminal end of IRS1 which is crucial for insulin-like growth factor (IGF) signal transduction (PubMed: [33991522](http://www.uniprot.org/citations/33991522)). Regulates activation of NF-κB in response to signaling through Toll-like receptors. Required for normal skeleton development, and for normal development of the respiratory tract (By similarity). Required for activation of RPS6KB1 in response to TNF signaling. Modulates TRAF6 functions. Inhibits adipogenic differentiation by activating pyruvate kinase PKM activity and subsequently the beta-catenin signaling pathway (PubMed: [32268273](http://www.uniprot.org/citations/32268273)).

研究领域 (Research Area)

Pathways in cancer; Small cell lung cancer;

图片 (Image Data)

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Western blot analysis of TRAF4 expression in HeLa cell lysate.

注意事项 (Note)

For research use only .