

TRAF2 (Phospho Ser11) rabbit pAb

Catalog No :	YP1536
Reactivity :	Human;Mouse
Applications :	WB
Target :	TRAF2
Fields :	>>MAPK signaling pathway;>>NF-kappa B signaling pathway;>>Sphingolipid signaling pathway;>>Protein processing in endoplasmic reticulum;>>Apoptosis;>>Necroptosis;>>Osteoclast differentiation;>>NOD-like receptor signaling pathway;>>RIG-I-like receptor signaling pathway;>>IL-17 signaling pathway;>>TNF signaling pathway;>>Adipocytokine signaling pathway;>>Non-alcoholic fatty liver disease;>>Alzheimer disease;>>Amyotrophic lateral sclerosis;>>Huntington disease;>>Spinocerebellar ataxia;>>Pathways of neurodegeneration - multiple diseases;>>Pathogenic Escherichia coli infection;>>Shigellosis;>>Salmonella infection;>>Yersinia infection;>>Hepatitis C;>>Human cytomegalovirus infection;>>Kaposi sarcoma-associated herpesvirus infection;>>Herpes simplex virus 1 infection;>>Epstein-Barr virus infection;>>Human immunodeficiency virus 1 infection;>>Pathways in cancer;>>Viral carcinogenesis;>>Small cell lung cancer;>>Lipid and atherosclerosis
Gene Name :	TRAF2 TRAP3
Protein Name :	TRAF2 (Ser11)
Human Gene Id :	7186
Human Swiss Prot No :	Q12933
Mouse Gene Id :	22030
Mouse Swiss Prot No :	P39429
Immunogen :	Synthesized phospho peptide around human TRAF2 (Ser11)
Specificity :	This antibody detects endogenous levels of Human Mouse TRAF2 (phospho-Ser11)

Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	60kD
Cell Pathway :	MAPK_ERK_Growth;MAPK_G_Protein;Apoptosis_Inhibition;Apoptosis_Mitochondrial;Apoptosis_Overview;RIG-I-like receptor;Adipocytokine;Pathways in cancer;Small cell lung cancer;
Background :	TNF receptor associated factor 2(TRAF2) Homo sapiens The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF) protein family. TRAF proteins associate with, and mediate the signal transduction from members of the TNF receptor superfamily. This protein directly interacts with TNF receptors, and forms a heterodimeric complex with TRAF1. This protein is required for TNF-alpha-mediated activation of MAPK8/JNK and NF-kappaB. The protein complex formed by this protein and TRAF1 interacts with the inhibitor-of-apoptosis proteins (IAPs), and functions as a mediator of the anti-apoptotic signals from TNF receptors. The interaction of this protein with TRADD, a TNF receptor associated apoptotic signal transducer, ensures the recruitment of IAPs for the direct inhibition of caspase activation. BIRC2/c-IAP1, an apoptosis inhibitor possessing ubiquitin ligase activity, can ubiquitinate and induce the degradation of this pro
Function :	domain:The coiled coil domain mediates homo- and hetero-oligomerization.,domain:The MATH/TRAF domain binds to receptor cytoplasmic domains.,function:Adapter protein and signal transducer that links members of the tumor necrosis factor receptor family to different signaling pathways by association with the receptor cytoplasmic domain and kinases. Association to the receptor is also mediated by the interaction with TRADD. Mediates activation of NF-kappa-B and JNK and is involved in apoptosis. The TRAF1/TRAF2 complex recruits the apoptotic suppressors BIRC2 and BIRC3 to TNFRSF1B/TNFR2. Seems to be involved in IL-15 signaling.,PTM:Ubiquitinated; mediated by SIAH2 and leading to its subsequent proteasomal degradation. Not ubiquitinated by SIAH1.,similarity:Contains 1 MATH domain.,similarity:Contains 1 RING-type zinc finger.,similarity:Contains 2 TRAF-type zinc fingers.,subunit:Homotrimer (Pro
	Cytoplasm .

Species : Brain, Cerebellum, Colon, Fetal brain, Human
Location : endometrium, Kidney, Leukocyte, Spleen

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