

Tnfrsf1a

Rabbit Anti-Multispecies TNF-RI Affinity Purified pAb

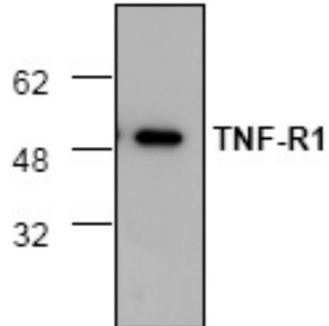
Catalog No.	PA1302	Quantity:	100 µg
Alternate Names:	Tumor Necrosis Factor Receptor 1, TNFRSF1A, CD120a, FPF, TBP1, TNFAR, TNFR1, TNFRI		
Description:	Tumor necrosis factor receptor 1 and 2 (TNF-R1 and TNF-R2) are 55 and 75 kDa. While TNF-R1 and TNF-R2 share 28% sequence homology in the extracellular domains, their intracellular domains lack sequence homology, suggesting that they differ in their internal signal transduction pathways. TNF-R1 contains an approximately 80 amino acid death domain near its carboxy terminus capable of transmitting an apoptotic signal through its interaction with TRADD (TNF-R1 associated death domain protein), and subsequent interactions with FADD. TNF-R1 can also activate the transcription factor NFκB via TRAF2 (TNF receptor associated factor 2). The cytoplasmic domain of TNF-R1 can directly interact with Jak kinase, thereby activating the JAK/STAT signal transduction cascade.		
Concentration:	0.2 mg/ml		
Gene ID:	21937		
Appearance:	Colorless liquid		
Specificity:	Human, mouse, rat, rabbit, monkey, hamster, pig, bovine, canine, and sheep TNF-RI		
Host:	Rabbit		
Immunogen:	Synthetic peptide surrounding amino acid 32 of human TNF-RI		
Isotype:	IgG		
Formulation:	100 µg (0.2 mg/ml) affinity purified rabbit anti-TNF-R1 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% Thiomersal. Precaution: Thiomersal is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Affinity purified		
Reconstitution:	The antibody solution should be gently mixed before use.		
Cross-Reactivity:	Human, mouse, rat, hamster, bovine, rabbit, monkey		
Applications:	Western Blot Immunohistochemistry		
Application Notes:	For Western Blot use a working dilution of 0.5-4 µg/ml. For Immunohistochemistry use a working dilution of 10-20 µg/ml. The optimal concentration should be determined by the user for each specific application.		



Storage & Stability:

Store at -20°C. For long term storage, aliquot and store at -80°C. **Avoid repeated freeze-thaw cycles.**

Western Blot analysis of TNF-R1 expression in rat brain tissue lysate.



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

