

Tumor Necrosis Factor Receptor 1 (TNFR1) Antibody

Catalogue No.: abx012259

TNFR1 Antibody detects endogenous levels of TNFR1. TNF-R1 Receptor for TNFSF2/TNF-alpha and homotrimeric TNFSF1/lymphotoxin-alpha. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate- specific cysteine proteases) mediating apoptosis. Contributes to the induction of non-cytocidal TNF effects including anti-viral state and activation of the acid sphingomyelinase. Binding of TNF to the extracellular domain leads to homotrimerization. The aggregated death domains provide a novel molecular interface that interacts specifically with the death domain of TRADD.

Target:	TNFR1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	IHC
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Purification:	Purified by affinity chromatography.
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Swiss Prot:	P19438
GeneID:	7132
Gene Symbol:	TNFRSF1A
OMIM:	191190
HGNC:	11916
Ensembl:	ENSG00000067182
Buffer:	PBS, pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.

Note: This product is for research use only.