OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA327070

TNFRSF1A Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB 1:500 - 1:2000;IF 1:50 - 1:200
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human TNF-R1
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	50 kDa
Gene Name:	tumor necrosis factor receptor superfamily member 1A
Database Link:	NP_001056 Entrez Gene 21937 MouseEntrez Gene 25625 RatEntrez Gene 7132 Human P19438

View online »

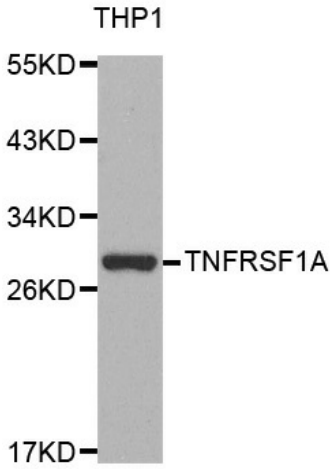
Background: TNF-a is an important cytokine produced by numerous cell types including neutrophils, activated lymphoctyes, macrophages an NK cells. It plays a critical role in inflammatory responses and in apoptosis. TNF-a exists as a membrane-anchored and soluble form, both of which show biological activity. Response to TNF-a is mediated through two receptors, TNF-R1, which is widely expressed, and TNF-R2, which is expressed mainly in immune and endothelial cells. Antagonists to TNF-a have been validated as therapeutic targets for rheumatoid arthritis and other immune disorders.The two receptors for TNF-a, TNF-R1 (55 kDa) and TNF-R2 (75 kDa) can mediate distinct cellular responses. In most cases cytotoxicity elicited by TNF has been reported to act through TNF-R1. Cytotoxicity is mediated by a "death domain" with the intracellular region of the receptor that binds to the death domain adaptor protein TRADD and triggers the activation of caspases. Soluble forms of both receptors have also been characterized which can bind TNF-a and may play an important role in immune disorders.

Synonyms: CD120a; FPF; MS5; p55; p55-R; p60; TBP1; TNF-R; TNF-R-I; TNF-R55; TNFAR; TNFR1; TNFR1-d2; TNFR55

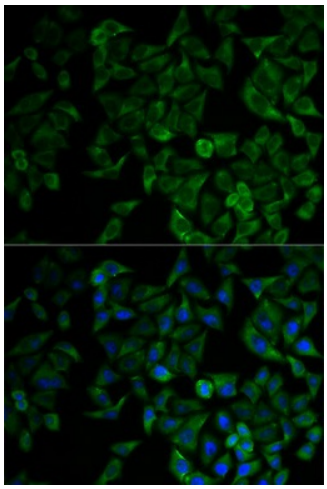
Protein Families: Druggable Genome, Secreted Protein, Transcription Factors, Transmembrane

Protein Pathways: Adipocytokine signaling pathway, Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Apoptosis, Cytokine-cytokine receptor interaction, MAPK signaling pathway

Product images:



Western blot analysis of extracts of THP-1 cell line, using TNFRSF1A antibody.



Immunofluorescence analysis of HeLa cell using TNFRSF1A antibody. Blue: DAPI for nuclear staining.