

Product datasheet for **AP20614PU-S**

LTA Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1/500-1/1000.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of TNF- β protein. (region surrounding His66)
Formulation:	Phosphate buffered saline (PBS), pH 7.2 State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.05% sodium azide
Concentration:	1.0 mg/ml
Purification:	Affinity-chromatography using epitope-specific immunogen; purity is > 95% (by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~ 22 kDa
Gene Name:	lymphotoxin alpha
Database Link:	Entrez Gene 16992 Mouse Entrez Gene 25008 Rat Entrez Gene 4049 Human P01374



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Background:

Tumor necrosis factor b (TNFb), also known as lymphotoxin, is a pleiotropic cytokine. TNFa, also known as cachectin, is a smaller cytokine that binds to the same receptors, producing a vast array of effects similar to those of TNFb. TNFb and TNFa share 30% amino acid homology and have similar biological activities. TNFb is produced by activated lymphocytes, including CD4(+) T helper cell type 1 lymphocytes, CD8(+) lymphocytes and certain B lymphoblastoid cell lines. TNFa is produced by several different cell types, including lymphocytes, neutrophils and macrophages. TNFa and TNFb can modulate many immune and inflammatory functions, while having the ability to inhibit tumor growth.

Synonyms:

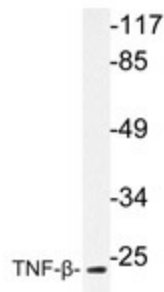
TNFB, TNFSF1, LTA, LT-alpha

Protein Families:

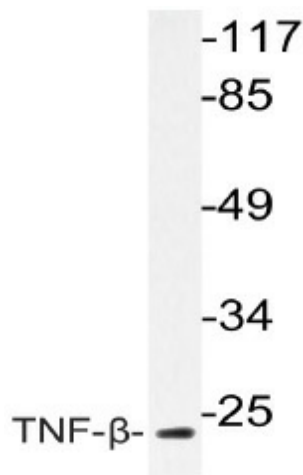
Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways:

Antigen processing and presentation, Cytokine-cytokine receptor interaction, Type I diabetes mellitus

Product images:


Western blot analysis of TNF- β antibody (Cat.-No.: [AP20614PU-N]) in extracts from COS-7cells.



Western blot (WB) analysis of TNF-beta antibody (Cat.-No.: [AP20614PU-N]) in extracts from COS-7cells.