TNF alpha Polyclonal Antibody

--- Datasheet ---

**Host:** Rabbit  
**Target Protein:** TNF alpha  
**Immunogen:** 180-230/235  
**Range:** Polyclonal  
**Concentration:** 1μg/ul  
**Applications:** WB(1:100-1000), IHC-P(1:100-500), IF(IHC-P)(1:50-200)  
**Cross Reactive Species:** Human, Mouse, Rat  
**Size:** 100ul

**Entrez Gene:** 21926  
**Swiss Prot:** P06804  
**Source:** KLH conjugated synthetic peptide derived from mouse TNF-alpha  
**Purification:** Purified by Protein A.  
**Storage:** Aqueous buffered solution containing 100ug/ml BSA, 50% glycerol and 0.09% sodium azide. Store at -20°C for 12 months.  
**Background:** Cytokine that binds to TNFRSF1A/TNFR1 and TNFRSF1B/TNFBR. It is mainly secreted by macrophages and can induce cell death of certain tumor cell lines. It is potent pyrogen causing fever by direct action or by stimulation of interleukin-1 secretion and is implicated in the induction of cachexia. Under certain conditions it can stimulate cell proliferation and induce cell differentiation. The TNF intracellular domain (ICD) form induces IL12 production in dendritic cells.

--- Product Specific Publications ---

- Wang, Yi, et al. "Targeted knockout of TNF-α by injection of lentivirus-mediated siRNA into the subacromial bursa for the treatment of subacromial bursitis in rats." Molecular Medicine Reports. Read more>>
Mouse liver lysates probed with TNF alpha Polyclonal Antibody, unconjugated (bs-2081R) at 1:300 overnight at 4°C followed by a conjugated secondary antibody at 1:10000 for 90 minutes at 37°C.

Formalin-fixed and paraffin embedded rat hippocampus labeled with Rabbit Anti-TNF alpha Polyclonal Antibody (bs-2081R) at 1:200 followed by conjugation to the secondary antibody and DAB staining.
Formalin-fixed and paraffin embedded rat colitis labeled with Rabbit Anti-TNF alpha Polyclonal Antibody (bs-2081R) at 1:200 followed by conjugation to the secondary antibody and DAB staining.