

## Anti-TNFalpha antibody (80-235) (STJ11105076)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat/Other

### PRODUCT PROPERTIES

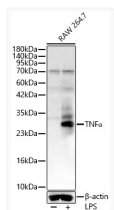
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 26kDa Observed Mw: 17kDa/26kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

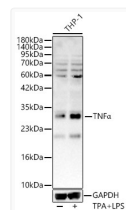
Gene ID	<a href="#">24835</a>
Gene Symbol	<a href="#">Tnf</a>
UniProt ID	<a href="#">TNFA_RAT</a>
Immunogen Region	80-235
Immunogen Sequence	LRSSSQNSSDKPVAHVANH QAEEQLEWLSQRANALLANG MDLKDNLVVPADGLYLIYS QVLFKGGQCPDYVLLTHTVS RFAISYQEKVLLSAIKSPC PKDTPEGAELKPWYEPMYLG GVFQLEKGDLLSAEVNLPKY LDITESGQVYFGVIAL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 80-235 of rat TNF Alpha (NP_036807.1).

### ADDITIONAL INFORMATION

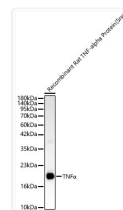
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of lysates from RAW 264.7 cells, using TNF Alpha Rabbit polyclonal antibody (STJ11105076) at 1:2000 dilution. Raw 264.7 cells were treated by LPS (1 Mu g/ml) at 37 °C for 8 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 30s.



Western blot analysis of lysates from THP-1 cells, using TNF Alpha Rabbit polyclonal antibody (STJ11105076) at 1:2000 dilution. THP-1 cells were treated by PMA/TPA (200 nM) at 37 °C for 15 minutes and LPS (1 Mu g/ml) at 37 °C for 6 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 30s.



Western blot analysis of recombinant Rat TNF-alpha Protein, using TNF Alpha Rabbit polyclonal antibody (STJ11105076) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 5ng per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.