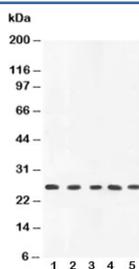


TNF α Antibody (R31443)

Catalog No.	Formulation	Size
R31443	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P16599
Applications	Western Blot : 0.5-1ug/ml
Limitations	This TNF α antibody is available for research use only.



Western blot testing of TNF α antibody and rat samples: 1. PC-12, 2. spleen, 3. brain, 4. kidney, 5. liver lysate. Predicted/observed molecular weight: ~26 kDa.

Description

This antibody is specific for a 17-26KD protein which is identified as the cytokine Tumor Necrosis Factor alpha. It is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. Other actions of TNF α include stimulating growth of human fibroblasts and other cell lines, activating polymorphonuclear neutrophils and osteoclasts, and induction of interleukin 1, prostaglandin E2 and collagenase production.

Application Notes

Titration of the TNFa antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Rat partial recombinant protein (AA 89-235) was used as the immunogen for this TNFa antibody.

Storage

After reconstitution, the TNFa antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.