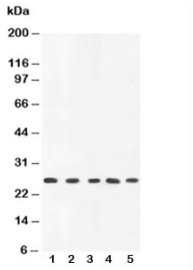
# TNFa Antibody (R31443)

| 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 TNFa antibody is available for research use only. |




Western blot testing of TNFa 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 TNFa 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.


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