

# TNF alpha Polyclonal Antibody

## Product Details

Size	1 mg
Species Reactivity	Rat
Published Species	Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant rat TNF alpha
Form	Lyophilized
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	no preservative
Storage conditions	4° C
RRID	AB_417120

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	1 Publication
ELISA (ELISA)	Assay-dependent	1 Publication
Functional Assay (FN)	-	1 Publication

## Product Specific Information

PRTNFAI targets TNF Alpha in ELISA, and WB applications and shows reactivity with Rat samples.

The PRTNFAI immunogen is recombinant rat TNF alpha.

PRTNFAI detects TNF Alpha which has a predicted molecular weight of approximately 26 kDa.

The PRTNFAI rat TNFa polyclonal antibody has successfully been paired as the coating antibody in a sandwich ELISA with polyclonal biotinylated detection antibody PRTNFAI. Typical dilutions for sandwich ELISA include 1 µg/mL for coating and 0.125 - 0.25 µg/mL for detection.

Endotoxin levels are less than or equal to 10 µg/mL.

## Western Blot (1)

American journal of physiology. Gastrointestinal and liver physiology

### Protective effects of Lactobacillus paracasei F19 in a rat model of oxidative and metabolic hepatic injury.

"PRTNFAI was used in western blot to investigate the protective effect of Lactobacillus paracasei F19 against liver injury in rats"

Authors: Nardone G,Compare D,Liguori E,Di Mauro V,Rocco A,Barone M,Napoli A,Lapi D,Iovene MR,Colantuoni A

Year  
2010

Species  
Rat

Dilution  
1:2000

## ELISA (1)

Hormones and behavior

### Expression of hypothalamic neuropeptides and the desensitization of pituitary-adrenal axis and hypophagia in the endotoxin tolerance.

"PRTNFAI was used in ELISA to investigate the hypothalamic neuropeptides and their involvement in the endotoxin tolerance"

Authors: Borges BC,Antunes-Rodrigues J,Castro M,Bittencourt JC,Elias CF,Elias LL

Year  
2007

Species  
Rat

## Functional Assay (1)

Journal of physiology and biochemistry

### The weakening effect of soluble epoxide hydrolase inhibitor AUDA on febrile response to lipopolysaccharide and turpentine in rat.

"PRTNFAI was used in Functional assays to examine whether soluble epoxide hydrolase inhibition affects core body temperature as well as body temperature changes during febrile response to infectious or non-infectious stimuli."

Authors: Piotrowski J,Jdrzejewski T,Pawlikowska M,Pacua AJ,cianowski J,Kozak W

Year  
2017

Species  
Rat

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