



# Anti-TNF (aa 124-233) polyclonal antibody (DPAB-DC3080)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. This cytokine is mainly secreted by macrophages. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. This cytokine is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. This cytokine has been implicated in a variety of diseases, including autoimmune diseases, insulin resistance, and cancer. Knockout studies in mice also suggested the neuroprotective function of this cytokine.
<b>Immunogen</b>	TNF (NP_000585, 124 a.a. ~ 233 a.a) partial recombinant protein with GST tag. The sequence is LVVPSEGLYLIYSQVLFGQGCPSTHLLTHTISRIAVSYQTKVNLLSAIKSPCQRETPE GAEAKPWYEPIYLGGVFQLEKGDRLSAEINRPDYLDFAESGQVYFGIIL
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">TNF tumor necrosis factor [ Homo sapiens (human) ]</a>
Official Symbol	TNF
Synonyms	TNF; tumor necrosis factor; DIF; TNFA; TNFSF2; TNF-alpha; TNF-a; cachectin; APC1 protein; TNF, monocyte-derived; TNF, macrophage-derived; tumor necrosis factor-alpha; tumor necrosis factor ligand superfamily member 2;
Entrez Gene ID	<a href="#">7124</a>
Protein Refseq	<a href="#">NP_000585</a>
UniProt ID	<a href="#">P01375</a>
Chromosome Location	6p21.3
Pathway	Adipocytokine signaling pathway; Adipogenesis; African trypanosomiasis; Allograft Rejection
Function	cytokine activity; identical protein binding; protease binding; protein binding