



Anti-NTF3 (aa 19-128) polyclonal antibody (DPAB-DC2056)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a member of the neurotrophin family, that controls survival and differentiation of mammalian neurons. This protein is closely related to both nerve growth factor and brain-derived neurotrophic factor. It may be involved in the maintenance of the adult nervous system, and may affect development of neurons in the embryo when it is expressed in human placenta. NTF3-deficient mice generated by gene targeting display severe movement defects of the limbs. The mature peptide of this protein is identical in all mammals examined including human, pig, rat and mouse.
Immunogen	NTF3 (NP_002518, 19 a.a. ~ 128 a.a) partial recombinant protein with GST tag. The sequence is NNMDQRSLPEDSLNSLIKLIQADILKNKLSKQMVDVKENYQSTLPKAEAPREPERGGPA KSAFQPVIAMDTELLRQQRRYNSPRVLLSDSTPLEPPPLYLMEDYVGSPV
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	NTF3 neurotrophin 3 [Homo sapiens (human)]
Official Symbol	NTF3
Synonyms	NTF3; neurotrophin 3; NT3; HDNF; NGF2; NT-3; NGF-2; neurotrophin-3; neurotrophic factor; nerve growth factor 2;
Entrez Gene ID	4908
Protein Refseq	NP_001096124
UniProt ID	P20783
Chromosome Location	12p13
Pathway	BDNF signaling pathway; MAPK signaling pathway; Neurotrophic factor-mediated Trk receptor signaling; Neurotrophin signaling pathway
Function	chemoattractant activity; growth factor activity; nerve growth factor binding; neurotrophin receptor binding
