



# Anti-NTF4 (aa 111-209) polyclonal antibody (DPAB-DC2057)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene is a member of a family of neurotrophic factors, neurotrophins, that control survival and differentiation of mammalian neurons. The expression of this gene is ubiquitous and less influenced by environmental signals. While knock-outs of other neurotrophins including nerve growth factor, brain-derived neurotrophic factor, and neurotrophin 3 prove lethal during early postnatal development, NTF5-deficient mice only show minor cellular deficits and develop normally to adulthood.
<b>Immunogen</b>	NTF5 (NP_006170, 111 a.a. ~ 209 a.a) partial recombinant protein with GST tag. The sequence is VDLRGREVEVLGEVPAAGGSPLRQYFFETRCKADNAEEGGPGAGGGGCRGVDRRHVVSEC KAKQSYVRALTADAQGRVGWRWIRIDTACVCTLLSRTGR
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), 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

<b>Gene Name</b>	<a href="#">NTF4 neurotrophin 4 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	NTF4
<b>Synonyms</b>	NTF4; neurotrophin 4; NT4; NT5; NT-4; NT-5; NTF5; GLC10; GLC1O; NT-4/5; neurotrophin-4; neurotrophin-5; neurotrophic factor 4; neurotrophic factor 4; neurotrophic factor 5; neurotrophin 5 (neurotrophin 4/5);
<b>Entrez Gene ID</b>	<a href="#">4909</a>
<b>Protein Refseq</b>	<a href="#">NP_006170</a>
<b>UniProt ID</b>	<a href="#">A0A024QZE4</a>
<b>Chromosome Location</b>	19q13.3
<b>Pathway</b>	MAPK signaling pathway; Neurotrophic factor-mediated Trk receptor signaling; Neurotrophin signaling pathway;
<b>Function</b>	growth factor activity;