



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

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| Antigen Description | 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. |
| Immunogen | NTF5 (NP_006170, 111 a.a. ~ 209 a.a) partial recombinant protein with GST tag. The sequence is VDLRGREVEVLGEVPAAGGSPLRQYFFETRCKADNAEEGGPGAGGGGCRGVDRRHVVSEC KAKQSYVRALTADAQGRVGWRWIRIDTACVCTLLSRTGR |
| 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

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