

Goat anti-Neurotrophin 3 Antibody

Item Number	dAP-1420
Target Molecule	Principle Name: Neurotrophin 3; Official Symbol: NTF3 ; All Names and Symbols: NTF3 ; neurotrophin 3 ; HDNF; MGC129711; NGF-2; NGF2; NT3; Accession Number (s): NP_001096124.1; NP_002518.1; Human Gene ID(s): 4908; Non-Human GeneID(s):
Immunogen	TSRRKRYAEHKSH, is from internal region This antibody is expected to recognise both isoforms (NP_001096124.1; NP_002518.1)
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 1000.
Western Blot	Western Blot: Preliminary experiments in Human Brain (Cerebellum and Hippocampus) lysates gave no specific signal but low background (at antibody concentration up to 2µg/ml). We would appreciate any feedback from people in the field - have any results be
IHC	
Reference	Reference(s): Walz JC, Andreazza AC, Frey BN, Cacilhas AA, Ceresér KM, Cunha AB, Weyne F, Stertz L, Santin A, Gonçalves CA, Kapczinski F. Serum neurotrophin-3 is increased during manic and depressive episodes in bipolar disorder. Neurosci Lett. 2007 Mar 19;415(1):87-9. Epub 2007 Jan 17..PMID: 17234344

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**