

Goat anti-NTRK2 Antibody

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| Item Number | dAP-3066 |
| Target Molecule | Principle Name: NTRK2; Official Symbol: NTRK2; All Names and Symbols: NTRK2; neurotrophic tyrosine kinase, receptor, type 2; GP145-TrkB; TRKB ; BDNF/NT-3 growth factors receptor; tyrosine kinase receptor B; BDNF receptor; Accession Number (s): NP_006171.2; NP_001007098.1; NP_001018074.1; NP_001018075.1; NP_001018076.1; Human Gene ID(s): 4915; Non-Human GeneID(s): |
| Immunogen | KTLQEAQSSPDQ, is from internal region This antibody is expected to recognise isoforms a (NP_006171.2), b ((NP_001007098.1), c (NP_001018074.1), d (NP_001018075.1), e (NP_001018076.1). |
| Applications | Pep ELISA, WB Species Tested: Human |
| 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 64000. |
| Western Blot | Western Blot: Approx 100kDa band observed in Human Brain (Hippocampus, Cerebral Cortex and Cerebellum) lysates (calculated MW of 93.8kDa according to NP_006171.2). Recommended concentration: 0.05 -0.2µg/ml. |
| IHC | |
| Reference | Reference(s): Hashimoto T, Bergen SE, Nguyen QL, Xu B, Monteggia LM, Pierri JN, Sun Z, Sampson AR, Lewis DA. Relationship of brain-derived neurotrophic factor and its receptor TrkB to altered inhibitory pre-frontal circuitry in schizophrenia. J Neurosci. 2005 Jan 12;25(2):372-83. .PMID: 15647480 -> |

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**