

## Goat anti-Netrin 1 Antibody

<b>Item Number</b>	dAP-1747
<b>Target Molecule</b>	Principle Name: Netrin 1; Official Symbol: NTN1; All Names and Symbols: netrin 1; HGNC:8029; NTN1; NTN1L; Netrin-1; netrin 1, mouse, homolog of; Accession Number (s): NP_004813.2; Human Gene ID(s): 9423; Non-Human GeneID(s): 18208 (mouse) 114523 (rat)
<b>Immunogen</b>	KFQQREKKGKCKKA, is from C Terminus
<b>Applications</b>	Pep ELISA, WB, IHC Species Tested: Human, Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx. 70kDa band observed in Rat Brain lysates (calculated MW of 67.7kDa according to Human NP_004813.1 and 67.8kDa according to Rat NP_446183.1). Recommended concentration: 0.5-1.5µg/ml.
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Intestine. Recommended concentration: 3.75µg/ml.
<b>Reference</b>	Reference(s): Lin L, Rao Y, Isacson O. Netrin-1 and slit-2 regulate and direct neurite growth of ventral midbrain dopaminergic neurons. Mol Cell Neurosci. 2005 Mar;28(3):547-55. .PMID: 15737744 ->

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**