

Goat anti-NOTCH3 Antibody

Item Number	dAP-0751
Target Molecule	Principle Name: NOTCH3; Official Symbol: NOTCH3; All Names and Symbols: NOTCH3; Notch homolog 3 (Drosophila); HGNC:7883; CADASIL; CASIL ; Notch (Drosophila) homolog 3; Notch homolog 3; Accession Number (s): NP_000426.2; Human Gene ID(s): 4854; Non-Human GeneID(s):
Immunogen	QLGPQPEVTPKRQ, is from C Terminus
Applications	Pep ELISA, IHC 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 16000.
Western Blot	Western Blot: Preliminary experiments gave approx 60+70kDa bands in human brain lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 244kDa
IHC	Immunohistochemistry: In paraffin embedded Human Hippocampus shows select nuclear staining and weaker staining in different compartments of the neuronal cell bodies. Recommended concentration, 4-6µg/ml.
Reference	Reference(s): Dang L, Fan X, Chaudhry A, Wang M, Gaiano N, Eberhart CG. Notch3 signaling initiates choroid plexus tumor formation. Oncogene. 2005 Sep 26; [Epub ahead of print] .PMID: 16186803 ->

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**