

Goat anti-NOTCH4 (aa1261-1273) Antibody

Item Number	dAP-2434
Target Molecule	Principle Name: NOTCH4 (aa1261-1273); Official Symbol: NOTCH4; All Names and Symbols: NOTCH4; DAQB-143M3.4; FLJ16302; INT3; MGC74442; NOTCH3; Notch homolog 4; neurogenic locus notch homolog protein 4; Accession Number (s): NP_004548.3; Human Gene ID(s): 4855; Non-Human GeneID(s): 18132 (mouse) 406162 (rat)
Immunogen	DHFHNGHCEKGCNN, is from internal region The immunizing peptide represents part of the extracellular domain.
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 8000.
Western Blot	Western Blot: Preliminary experiments gave an approx 27kDa band in all human, mouse and rat tissue and cell line lysates tested after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe.
IHC	
Reference	Reference(s): Ding LC, She L, Zheng DL, Huang QL, Wang JF, Zheng FF, Lu YG, Notch-4 contributes to the metastasis of salivary adenoid cystic carcinoma. Oncology reports 2010 Aug 24 (2): 363-8..PMID: 20596622->

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**