



Anti-NOTCH2 (aa 2396-2409) polyclonal antibody (DPABH-11998)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Functions as a receptor for membrane-bound ligands Jagged1, Jagged2 and Delta1 to regulate cell-fate determination. Upon ligand activation through the released notch intracellular domain (NICD) it forms a transcriptional activator complex with RBPJ/RBPSUH and activates genes of the enhancer of split locus. Affects the implementation of differentiation, proliferation and apoptotic programs (By similarity). Involved in bone remodeling and homeostasis. In collaboration with RELA/p65 enhances NFATc1 promoter activity and positively regulates RANKL-induced osteoclast differentiation.
Immunogen	Synthetic peptide: NAAERTPSHSGHLQ conjugated to KLH with a Cysteine residue linker, corresponding to amino acids 2396-2409 of Human Notch 2 (NP_077719.2).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	WB, ELISA, IHC-P, ICC/IF
Format	Liquid
Size	50 µl
Buffer	pH: 7.20; Constituents: 0.27% Potassium phosphate, 0.88% Sodium chlorideNo stabilizer.
Preservative	0.1% Sodium Azide

Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	NOTCH2 notch 3 [Homo sapiens]
Official Symbol	NOTCH2
Synonyms	NOTCH2; notch 2; hN2; AGS2; HJCYS; neurogenic locus notch homolog protein 2; Notch homolog 2;
Entrez Gene ID	4853
Protein Refseq	NP_001186930.1
UniProt ID	Q04721
Pathway	Delta-Notch Signaling Pathway; Dorso-ventral axis formation; Generic Transcription Pathway; MicroRNAs in cancer
Function	calcium ion binding; ligand-activated RNA polymerase II transcription factor binding transcription factor activity; protein binding; receptor activity