



Anti-NOTCH1 polyclonal antibody (DPAB-DC782)

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

PRODUCT INFORMATION

Antigen Description	NOTCH1 (notch 1) is a protein-coding gene. Diseases associated with NOTCH1 include left ventricular outflow tract obstruction, and nerve compression syndrome, and among its related super-pathways are Constitutive Signaling by NOTCH1 PEST Domain Mutants and Notch signaling pathway. GO annotations related to this gene include sequence-specific DNA binding and sequence-specific DNA binding transcription factor activity. An important paralog of this gene is EYS.
Immunogen	A synthetic peptide corresponding to residues surrounding amino acids 1760 of mouse Notch1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	WB (Cell lysate),
Format	Liquid
Size	100 µg
Buffer	In PBS (30% glycerol, 0.5% BSA, 0.01% thimerosal)
Preservative	None
Storage	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Notch1 notch 1 [Mus musculus (house mouse)]
Official Symbol	NOTCH1
Synonyms	NOTCH1; notch 1; N1; Mis6; Tan1; lin-12; 9930111A19Rik; neurogenic locus notch homolog protein 1; mT14; p300; Motch A; Notch gene homolog 1; major type A protein; transmembrane receptor Notch1;
Entrez Gene ID	18128
Protein Refseq	NP_032740
UniProt ID	Q01705
Chromosome Location	2 A3; 2 18.91 cM
Pathway	Activated NOTCH1 Transmits Signal to the Nucleus; Constitutive Signaling by NOTCH1 HD+PEST Domain Mutants; Constitutive Signaling by NOTCH1 t(7;9)(NOTCH1:M1580_K2555) Translocation Mutant; Developmental Biology
Function	RNA polymerase II transcription factor binding transcription factor activity involved in positive regulation of transcription; calcium ion binding; chromatin DNA binding; chromatin binding