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Product datasheet for TA590258

NOTCH1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Recommended Dilution:	WB: 1:5000-1:20000; ELISA: 1:100-1:2000; IHC: 1:10-1:2000; IHC-P 1:250-1:2000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	DNA immunization. This antibody is specific for the N Terminus Region of the target protein.
Formulation:	20 mM Potassium Phosphate, 150 mM Sodium Chloride, pH 7.0
Concentration:	0.9mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	notch receptor 1
Database Link:	NP_060087 Entrez Gene 4851 Human P46531
Background:	The Notch gene belongs to a family of epidermal growth factor (EGF) like homeotic genes, which encode transmembrane proteins with a variable number of cysteine rich EGF like repeats in the extracellular region. Four notch genes have been described in mammals: Notch1, Notch2, Notch3 and Notch4(Int3), which have been implicated in the differentiation of the nervous system and other structures. The EGF like proteins Delta and Serrate have been identified as ligands of Notch1. Mature Notch proteins are heterodimeric receptors derived from the cleavage of Notch pre-proteins into an extracellular subunit (NEC) containing multiple EGF like repeats and a transmembrane subunit including intracellular region (Ntm).
Synonyms:	AOS5; AOVD1; hN1; TAN1

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Note:	This antibody was generated by SDIX's Genomic Antibody Technology ® (GAT).Learn about GAT
Protein Families:	Adult stem cells, Cancer stem cells, Druggable Genome, ES Cell Differentiation/IPS, Stem cell relevant signaling - DSL/Notch pathway
Protein Pathways:	Dorso-ventral axis formation, Notch signaling pathway, Prion diseases