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Immunotag™ NOTCH2 (Cleaved-Ala1734) Antibody

Antibody Specification

Catalog No.	ITA1428
Product Description	Immunotag™ NOTCH2 (Cleaved-Ala1734) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	NOTCH2 (Cleaved-Ala1734)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human NOTCH2 (Cleaved-Ala1734)
Specificity	NOTCH2 (Cleaved-Ala1734) Antibody detects endogenous levels of total NOTCH2 (Cleaved-Ala1734)
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	NOTCH2
Accession No.	Q04721
Alternate Names	AGS2; hN2; Notch homolog 2; Notch2;

Antibody Specification

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 (PubMed:29149593). Positively regulates self-renewal of liver cancer cells (PubMed:25985737).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	110 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.