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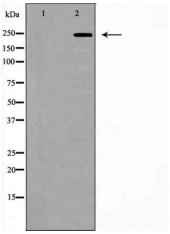
NOTCH3 Ab

References(1) Images(2)

Cat.#: DF7193	Concn.: ~1mg/ml	Mol.Wt.: 244kDa(FL),95kDa(EC)
Size:	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:200-1:1000, IHC 1:25-1:100 *The optimal dilutions should be determined by the end user.
Reactivity:	Human,Mouse,Rat
Storage:	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.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Immunogen:	A synthesized peptide derived from human NOTCH3, corresponding to a region within N-terminal amino acids.
Uniprot:	Q9UM47
Description:	Notch proteins (Notch1-4) are a family of transmembrane receptors that play important roles in development and the determination of cell fate . Mature Notch receptors are processed and assembled as heterodimeric proteins, with each dimer comprised of a large extracellular ligand-binding domain, a single-pass transmembrane domain, and a smaller cytoplasmic subunit (Notch intracellular domain, NICD) . Binding of Notch receptors to ligands of the Delta-Serrate-Lag2 (DSL) family triggers heterodimer dissociation, exposing the receptors to proteolytic cleavages; these result in release of the NICD, which translocates to the nucleus and activates transcription of downstream target genes (3-4). Notch3 is a member of the Notch family and is processed similar to Notch1 .



Western blot analysis of extracts from human colon cancer tissue lysates, using NOTCH3 Ab. The lane on the left was treated with the antigen-specific peptide.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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