



Rabbit Anti-Human NOTCH3 monoclonal antibody, clone 5I6M28 (CABT-L1500)

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

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with Monkey, Bovine, Rat, Cat
Target	NOTCH3
Immunogen	Peptides corresponding to human Notch3 (aa2308-2321, 1618-1636, 1803-1816)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	5I6M28
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS, pH 7.4
Preservative	0.09% Sodium Azide
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction

NOTCH3 is the third discovered human homologue of the *Drosophila melanogaster* type I membrane protein notch. In *Drosophila*, notch interaction (with its cell-bound ligands delta, serrate) establishes an intercellular signalling pathway that plays a key role in neural development. Homologues of the notch-ligands have also been identified in human. NOTCH3 functions as a receptor for membrane-bound ligands Jagged1, Jagged2, and Delta1 to regulate cell-fate determination. Mutations in NOTCH3 have been identified as the underlying cause of cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL).

Keywords

NOTCH3;notch 3;IMF2;CASIL;CADASIL;neurogenic locus notch homolog protein 3;Notch homolog 3;anti-Notch 3

GENE INFORMATION

Entrez Gene ID

[4854](#)

UniProt ID

[Q9UM47](#)
