Elabscience®

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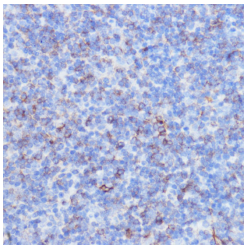
NOTCH3 Polyclonal Antibody

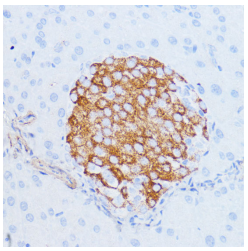
Catalog No.	E-AB-66095	**Reactivity**	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	IHC	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunohistochemistry of paraffin-embedded Mouse spleen using NOTCH3 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse pancreas using NOTCH3 Polyclonal Antibody at dilution of 1:100 (40x lens).

Immunogen Information

Immunogen	A synthetic peptide of human NOTCH3 (NP_000426.2).
GeneID	4854
Swissprot	Q9UM47
Synonyms	NOTCH3,CADASIL,CADASIL1,CASIL,IMF2,LMNS,notch 3

Product Information

Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purify	Affinity purification
Dilution	IHC 1:50-1:200

Background

This gene encodes the third discovered human homologue of the Drosophilia melanogaster type I membrane protein notch. In Drosophilia, 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, but precise interactions between these ligands and the human notch homologues remains to be determined. Mutations in NOTCH3 have been identified as the underlying cause of cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL).