NOTCH3 Rabbit Polyclonal Antibody

Catalog No: #53635

Package Size: #53635-1 50ul #53635-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

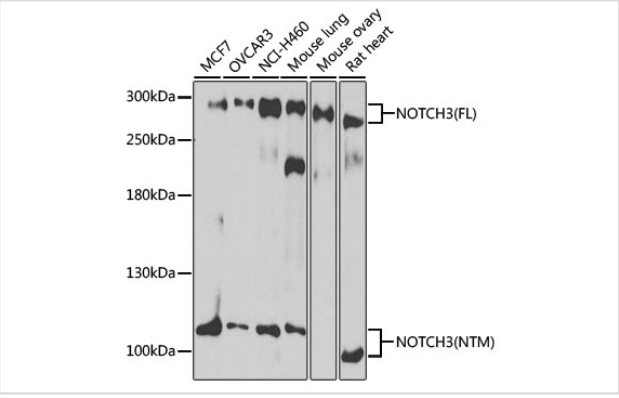
Description

Product Name	NOTCH3 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human NOTCH3 (NP_000426.2).
Other Names	NOTCH3;CADASIL;CADASIL1;CASIL;IMF2;LMNS;notch 3
Accession No.	Swiss Prot:Q9UM47GeneID:4854
Calculated MW	243kDa
SDS-PAGE MW	280kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

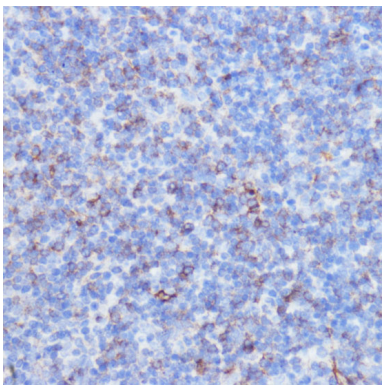
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200

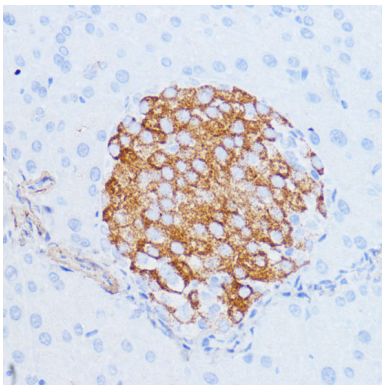
Images



Western blot analysis of extracts of various cell lines, using NOTCH3 at 1:1000 dilution.



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



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

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).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.