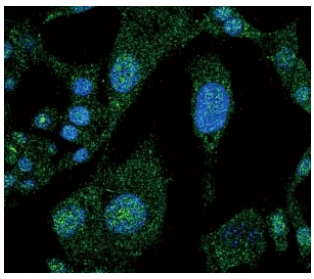
NOTCH3 Antibody (F49506)

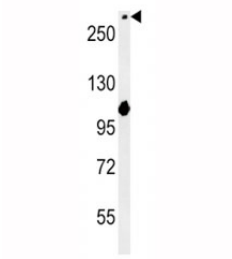
Catalog No.	Formulation	Size
F49506-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49506-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

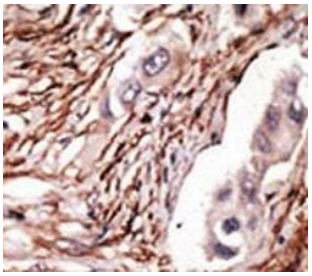
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q9UM47
Applications	Western blot: 1:1000 Immunofluorescence: 1:10-1:50 IHC (Paraffin): 1:50-1:100
Limitations	This NOTCH3 antibody is available for research use only.



Confocal immunofluorescent analysis of NOTCH3 antibody with HepG2 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



NOTCH3 western blot analysis in mouse NIH3T3 lysate



IHC analysis of FFPE human breast carcinoma tissue stained with the NOTCH3 antibody

Description

NOTCH3 is 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).

Application Notes

Titration of the NOTCH3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 2291-2321 from the human protein was used as the immunogen for this NOTCH3 antibody.

Storage

Aliquot the NOTCH3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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