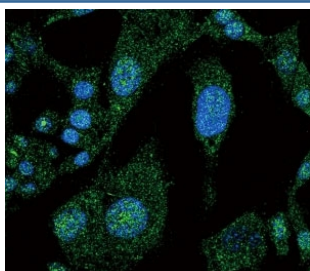


NOTCH3 Antibody (F49506)

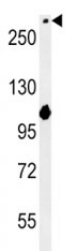
| Catalog No. | Formulation | Size |
|---------------|--|---------|
| F49506-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F49506-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

[Bulk quote request](#)

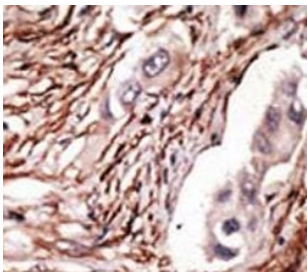
| | |
|--------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Human, Mouse |
| Format | Purified |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit Ig |
| Purity | Purified |
| UniProt | Q9UM47 |
| Applications | Western Blot : 1:1000 Immunofluorescence : 1:10-1:50 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 *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, 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 -20°C or colder. Avoid repeated freeze-thaw cycles.