

## Anti-NOTCH3 antibody (1520-1640) (STJ24789)

STJ24789

### GENERAL INFORMATION

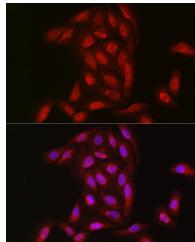
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

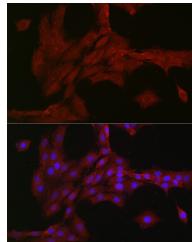
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:200-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

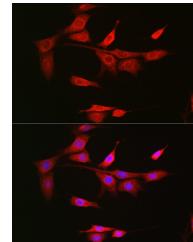
<b>Gene ID</b>	4854
<b>Gene Symbol</b>	NOTCH3
<b>Uniprot ID</b>	NOTC3_HUMAN
<b>Immunogen</b>	
<b>Immunogen</b>	1520-1640
<b>Region</b>	
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1520-1640 of human NOTCH3 (NP_000426.2).
<b>Immunogen</b>	PPEELLRSSADFLQLRLSAIL RTSLRFLDAHQAMVFPYH RPSPGSEPRARLAPEVIG SVVMLEIDNRLCLQSPNDH
<b>Sequence</b>	CFPDAQSAADYLGALSAVER LDFFPYPLRDVRGEPLEPPEP S



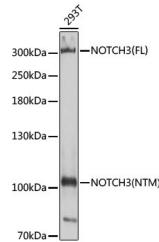
Immunofluorescence analysis of U2OS cells using NOTCH3 Rabbit polyclonal antibody (STJ24789) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using NOTCH3 Rabbit polyclonal antibody (STJ24789) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH3T3 cells using NOTCH3 Rabbit polyclonal antibody (STJ24789) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from 293T cells, using NOTCH3 Rabbit polyclonal antibody (STJ24789) at a dilution of 1:1000 (1:10000 for secondary antibody). Molecular weight markers (300kDa, 250kDa, 180kDa, 130kDa, 100kDa, 70kDa) are on the left. Bands for NOTCH3(FL) and NOTCH3(NTM) are indicated. Secondary antibody: HRP-conjugated goat anti-rabbit IgG (H+L) (61040-000-0859) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.