

## Anti-IDH1 antibody (100-414) (STJ24121)

STJ24121

### GENERAL INFORMATION

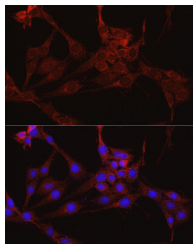
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat/Monkey

### PRODUCT PROPERTIES

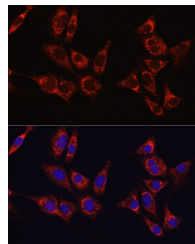
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

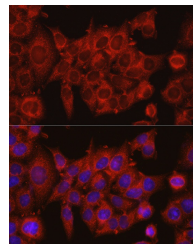
<b>Gene ID</b>	3417
<b>Gene Symbol</b>	IDH1
<b>Uniprot ID</b>	IDHC_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	100-414
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 100-200 of human IDH1 (NP_005887.2).
<b>Immunogen Sequence</b>	RNILGGTVFREAIICKNIPR LVSGWVKPIIGRHAYGDQY RATDFVVPGPVKVEITYTPS DGTQKVITYLVHNFEEGGGVA MGMYNQDKSIEDFAHSSFQM A



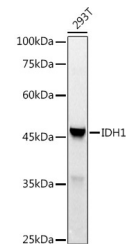
Immunofluorescence analysis of PC-12 cells using IDH1 Rabbit polyclonal antibody (STJ24121) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using IDH1 Rabbit polyclonal antibody (STJ24121) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using IDH1 Rabbit polyclonal antibody (STJ24121) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of 293T cells, using IDH1 antibody (STJ24121) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.