

## Anti-PTPN5 antibody (190-307) (STJ119012)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

### PRODUCT PROPERTIES

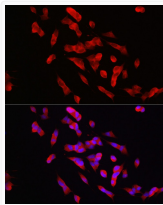
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 64kDa Observed Mw: 46kDa/61kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

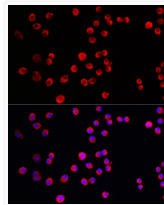
Gene ID	<a href="#">84867</a>
Gene Symbol	<a href="#">PTPN5</a>
UniProt ID	<a href="#">PTN5_HUMAN</a>
Immunogen Region	190-307
Immunogen Sequence	SFTYSEWMEEKIEDDFLDLD PVPETPVFDCVMDIKPEADP TSLTVKSMGLQERRGNSVSL TLDMCTPGCNEEGFGYLMSP REESAREYLLSASRVLQAEELHEKALDPFLQAEFFEI
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 190-307 of human PTPN5 (NP_116170.3).

### ADDITIONAL INFORMATION

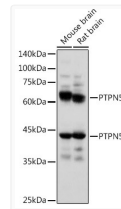
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of SH-SY5Y cells using PTPN5 Rabbit polyclonal antibody (STJ119012) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Neuro-2a cells using PTPN5 Rabbit polyclonal antibody (STJ119012) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using PTPN5 antibody (STJ119012) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.