

Anti-PTPN6 antibody (100-400) (STJ25228)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

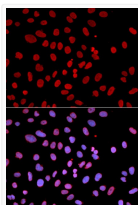
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 68kDa Observed Mw: 68kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

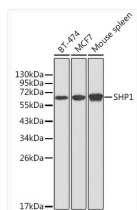
Gene ID	5777
Gene Symbol	PTPN6
UniProt ID	PTN6_HUMAN
Immunogen Region	100-400
Immunogen Sequence	LNCSDPTSERWYHGHMSGGQ AETLLQAKGEPWTFVLVRESL SQPGDFVLSVLSDQPKAGPG SPLRVTHIKVMCEGGRYTVG GLETFDSLTDLVEHFKKTGI EEASGAFVYLRQPYATRVN AADIENRVLELNKKQES EDT AKAGFWE EFESLQKQEVKNL QHRLGQRPENKGNRYKNI LPFDHSRVILQGRDSNIPGS DYINANYIKNQLLGP DENAK TYIASQGGCLEATVNDFWQM
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 100-400 of human SHP1 (NP_002822.2).

ADDITIONAL INFORMATION

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



Immunofluorescence analysis of U2OS cells using SHP1 antibody (STJ25228). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using SHP1 antibody (STJ25228) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.