

Product Datasheet

SHP-1 Antibody (SR41-02)

NBP2-67321

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67321

SHP-1 Antibody (SR41-02)

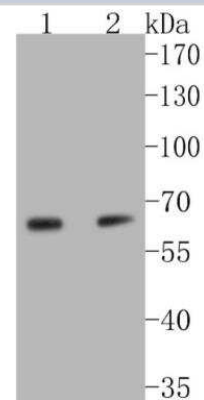
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SR41-02
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	5777
Gene Symbol	PTPN6
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human SHP-1 aa 537-595 / 595. (SwissProt: P29350 Human; SwissProt: P29351 Mouse; SwissProt: P81718 Rat)

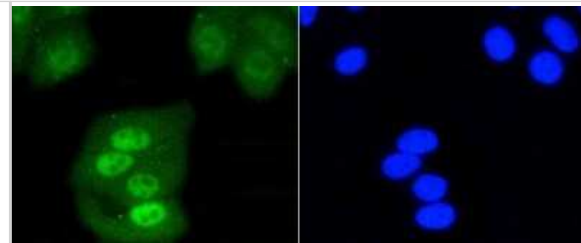
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:200-1:1000
Application Notes	IP assay-dependent

Images

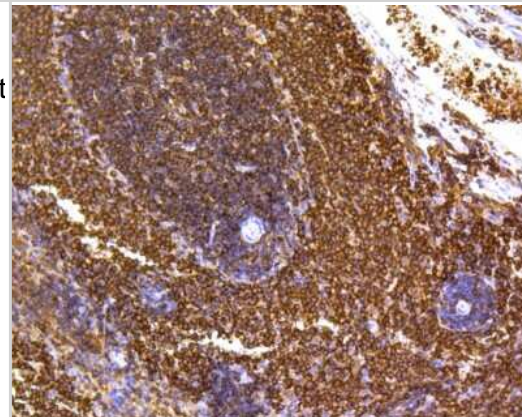
Western Blot: SHP-1 Antibody (SR41-02) [NBP2-67321] - Analysis of SHP1 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: Raji cell lysate Lane 2: Jurkat cell lysate



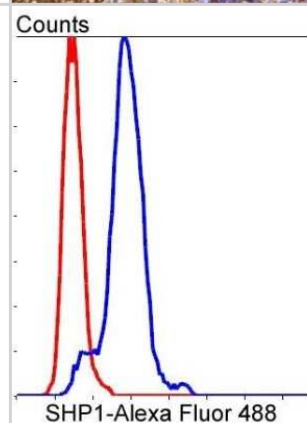
Immunocytochemistry/Immunofluorescence: SHP-1 Antibody (SR41-02) [NBP2-67321] - Staining SHP1 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



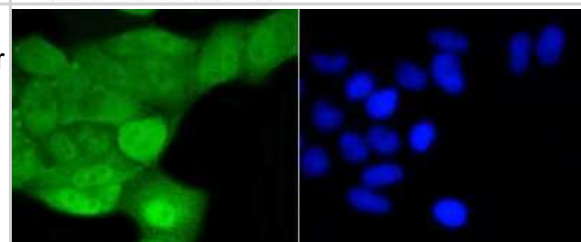
Immunohistochemistry-Paraffin: SHP-1 Antibody (SR41-02) [NBP2-67321] - Immunohistochemical analysis of paraffin-embedded rat spleen tissue using anti-SHP-1 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 m



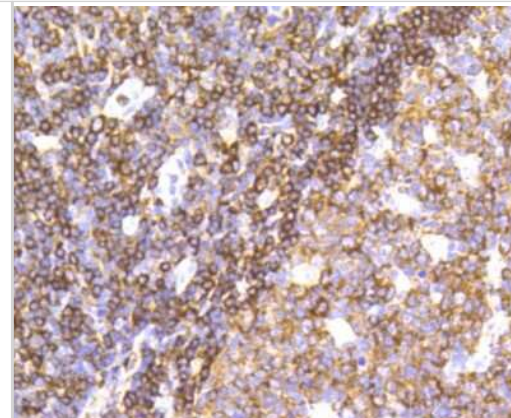
Flow Cytometry: SHP-1 Antibody (SR41-02) [NBP2-67321] - Analysis of HeLa cells with SHP1 antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



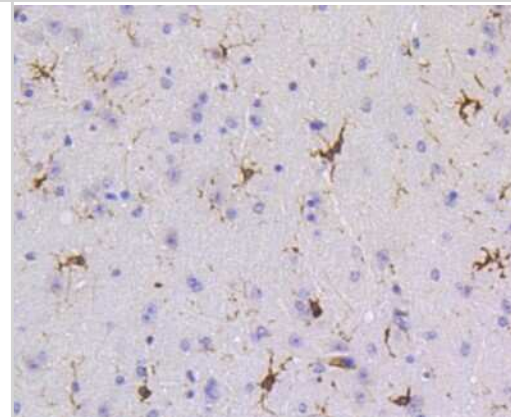
Immunocytochemistry/Immunofluorescence: SHP-1 Antibody (SR41-02) [NBP2-67321] - Staining SHP1 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



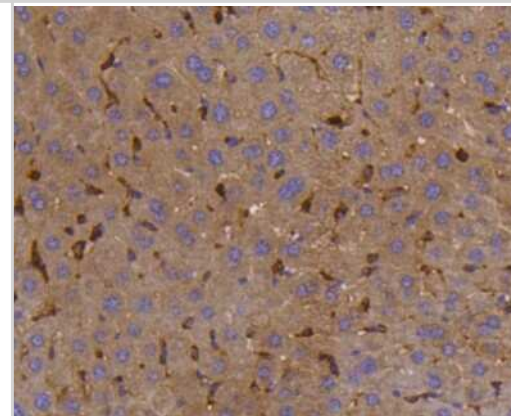
Immunohistochemistry-Paraffin: SHP-1 Antibody (SR41-02) [NBP2-67321] - Analysis of paraffin-embedded human tonsil tissue using anti-SHP1 antibody. Counter stained with hematoxylin.



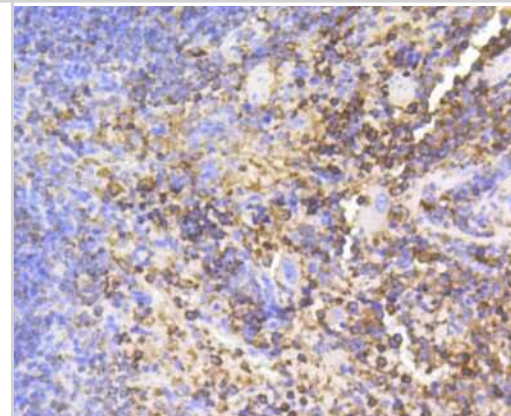
Immunohistochemistry-Paraffin: SHP-1 Antibody (SR41-02) [NBP2-67321] - Analysis of paraffin-embedded mouse brain tissue using anti-SHP1 antibody. Counter stained with hematoxylin.



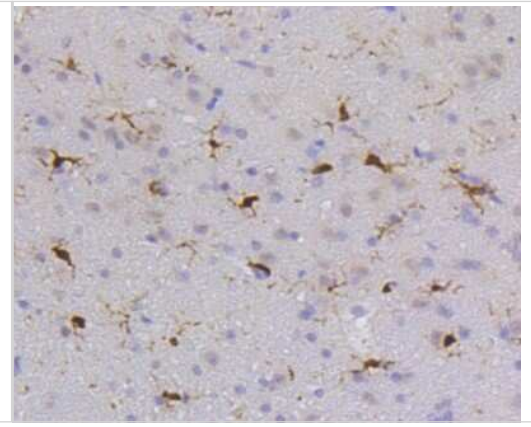
Immunohistochemistry-Paraffin: SHP-1 Antibody (SR41-02) [NBP2-67321] - Analysis of paraffin-embedded mouse liver tissue using anti-SHP1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: SHP-1 Antibody (SR41-02) [NBP2-67321] - Analysis of paraffin-embedded mouse spleen tissue using anti-SHP1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: SHP-1 Antibody (SR41-02) [NBP2-67321] - Analysis of paraffin-embedded rat brain tissue using anti-SHP1 antibody. Counter stained with hematoxylin.





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Products Related to NBP2-67321

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-83276PEP	SHP-1 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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