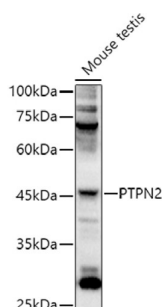
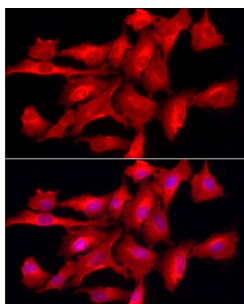


Protein Tyrosine Phosphatase, Non Receptor Type 2 (PTPN2) Antibody

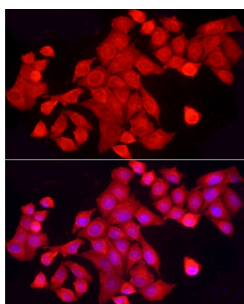
Catalogue No.: abx001496



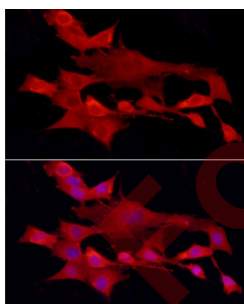
Western blot analysis of extracts of Mouse testis using PTPN2 Antibody (1/1000 dilution).



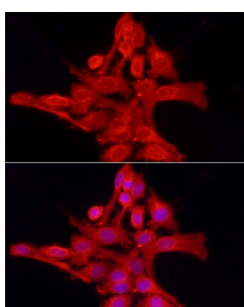
Immunofluorescence analysis of A-549 cells using [KO Validated] PTPN2 Antibody (1/200 dilution, 40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using [KO Validated] PTPN2 Antibody (1/200 dilution, 40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] PTPN2 Antibody (1/200 dilution, 40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using [KO Validated] PTPN2 Antibody (1/200 dilution, 40x lens). Blue: DAPI for nuclear staining.

Datasheet

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PTPN2 Antibody is a Rabbit Polyclonal antibody against PTPN2. The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. Members of the PTP family share a highly conserved catalytic motif, which is essential for the catalytic activity. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. Epidermal growth factor receptor and the adaptor protein Shc were reported to be substrates of this PTP, which suggested the roles in growth factor mediated cell signaling. Multiple alternatively spliced transcript variants encoding different isoforms have been found. Two highly related but distinctly processed pseudogenes that localize to chromosomes 1 and 13, respectively, have been reported. [provided by RefSeq, May 2011].

Target:	Protein Tyrosine Phosphatase, Non Receptor Type 2 (PTPN2)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	WB, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human PTPN2
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P17706 (UniProt , ExPASy)
Gene Symbol:	PTPN2
GenelD:	5771
NCBI Accession:	NP_536348.1
Molecular Weight:	Calculated MW: 40 kDa/45 kDa/48 kDa
Buffer:	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
Concentration:	1 mg/ml

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Note:

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only