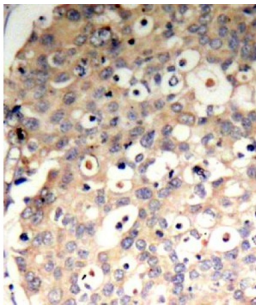
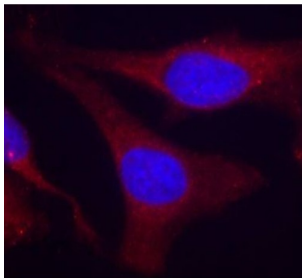


PTPN6 (pY536) Antibody

Catalogue No.: abx000487



Immunohistochemistry of paraffin-embedded human breast carcinoma tissue, using Phospho-PTPN6-Y536 antibody (abx000487).



Immunofluorescence staining of methanol-fixed HeLa cells using Phospho-PTPN6-Y536 antibody (abx000487).

PTPN6 (pY536) Antibody is a Rabbit Polyclonal antibody against PTPN6 (pY536). The protein encoded by this gene is a member of the protein tyrosine phosphatase (pYp) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. N-terminal part of this PTP contains two tandem Src homolog (SH2) domains, which act as protein pTosine binding domains, and mediate the interaction of this PTP with its substrates. This PTP is expressed primarily in hematopoietic cells, and functions as an important regulator of multiple signaling pathways in hematopoietic cells. This PTP has been shown to interact with, and dephosphorylate a wide spectrum of phospho-proteins involved in hematopoietic cell signaling. Multiple alternatively spliced variants of this gene, which encode distinct isoforms, have been reported.

Target: PTPN6 (pY536)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB, IF/ICC

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000, IF/ICC: 1/100 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: A phospho specific peptide corresponding to residues surrounding Y536 of human PTPN6

Datasheet

Version: 2.0.0
Revision date: 25 Nov 2024



Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P29350 (UniProt , ExPASy)
Gene Symbol:	PTPN6
GeneID:	5777
KEGG:	hsa:5777
String:	9606.ENSP00000391592
Molecular Weight:	Calculated MW: 68 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	This product is for research use only.

For Reference Only