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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0


F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP56494_P050-HRP
Product Page	www.avivasysbio.com/ptpn11-antibody-n-terminal-region-hrp-arp56494-p050-hrp.html
Name	PTPN11 Antibody - N-terminal region : HRP (ARP56494_P050-HRP)
Protein Size (# AA)	593 amino acids
Molecular Weight	68kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	5781
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Protein tyrosine phosphatase, non-receptor type 11
Alias Symbols	CFC, NS1, JMML, SHP2, BPTP3, PTP2C, METCDS, PTP-1D, SH-PTP2, SH-PTP3
Peptide Sequence	Synthetic peptide located within the following region: HPGDFVLSVRTGDDKGESNDGKSKVTHVMIRCQELKYDVGGERFDSLTD
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP contains two tandem Src homology-2 domains, which function as phospho-tyrosine binding domains and mediate the interaction of this PTP with its substrates. This PTP is widely expressed in most tissues and plays a regulatory role in various cell signaling events that are important for a diversity of cell functions, such as mitogenic activation, metabolic control, transcription regulation, and cell migration. Mutations in this gene are a cause of Noonan syndrome as well as acute myeloid leukemia.
Protein Interactions	TRIM32; RPIA; UBC; NEDD8; SUMO1; MTPN; EFHD2; CHRAC1; OXCT1; MAPK14; GRB2; Siglece; GAB2; GAB1; VCAM1; CD274; IQCB1; IRS1; ERBB2; EGFR; FASN; RFWD2; FRS2; PPIF; GSK3B; CRK; PIK3R2; PIK3R1; MAP3K5; LRRK1; CSF2RBP1; FYN; CBL; SOCS3; CXCR4; MYC; INPP5D; IL6S
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-PTPN11 (ARP56494_P050-HRP) antibody
Blocking Peptide	For anti-PTPN11 (ARP56494_P050-HRP) antibody is Catalog # AAP56494 (Previous Catalog # AAPP39002)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PTPN11
Uniprot ID	Q06124-2
Protein Name	Tyrosine-protein phosphatase non-receptor type 11
Protein Accession #	NP_002825
Purification	Affinity Purified
Nucleotide Accession #	NM_002834
Gene Symbol	PTPN11
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	IHC, WB

Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com