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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

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Product Number	ARP56495_P050-HRP
Product Page	www.avivasysbio.com/ptpn12-antibody-middle-region-hrp-arp56495-p050-hrp.html
Name	PTPN12 Antibody - middle region : HRP (ARP56495_P050-HRP)
Protein Size (# AA)	780 amino acids
Molecular Weight	88kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	5782
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Protein tyrosine phosphatase, non-receptor type 12
Alias Symbols	PTPG1, PTP-PEST
Peptide Sequence	Synthetic peptide located within the following region: SSIEPEKQDSPPPKPRTRSCLVGDAKEEILQPPEPHVPPILTPSPPS
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Syed,A.A., (2007) Clin. Endocrinol. (Oxf) 67 (5), 663-667
Description of Target	The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation.
Protein Interactions	VASN; TRIM47; TNS3; NUSAP1; EPN1; DNPEP; ANKS1A; GANAB; PACSIN2; DEK; UGP2; PLOD2; IFT20; THAP2; ZFP2; TEX10; RBM19; STX16; BAG6; UTRN; PSG9; SMAD5; GRB2; CSH2; CSH1; CGA; APP; WASF1; SORBS2; SHC1; UBC; EGFR; NEDD9; MYCBP2; EFS; PSTPIP2; PSTPIP1; LPXN; BC
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-PTPN12 (ARP56495_P050-HRP) antibody
Blocking Peptide	For anti-PTPN12 (ARP56495_P050-HRP) antibody is Catalog # AAP56495 (Previous Catalog # AAPP39003)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PTPN12
Uniprot ID	Q05209
Protein Name	Tyrosine-protein phosphatase non-receptor type 12
Sample Type Confirmation	PTPN12 is strongly supported by BioGPS gene expression data to be expressed in HT1080
Protein Accession #	NP_002826
Purification	Affinity Purified
Nucleotide Accession #	NM_002835
Gene Symbol	PTPN12
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB

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