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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56088_P050-HRP
Product Page	www.avivasysbio.com/pepd-antibody-middle-region-hrp-arp56088-p050-hrp.html
Name	PEPD Antibody - middle region : HRP (ARP56088_P050-HRP)
Protein Size (# AA)	493 amino acids
Molecular Weight	54kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	5184
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Peptidase D
Alias Symbols	PROLIDASE
Peptide Sequence	Synthetic peptide located within the following region: LGAVFMPHGLGHFLGIDVHVDVGGYPEGVERIDEPGLRSLRTARHLQPGMV
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Surazynski,A., (2008) Int. J. Cancer 122 (6), 1435-1440
Description of Target	Xaa-Pro dipeptidase is a cytosolic dipeptidase that hydrolyzes dipeptides with proline or hydroxyproline at the carboxy terminus (but not Pro-Pro). It is important in collagen metabolism because of the high levels of iminoacids. Xaa-Pro dipeptidase is a cytosolic dipeptidase that hydrolyzes dipeptides with proline or hydroxyproline at the carboxy terminus (but not Pro-Pro). It is important in collagen metabolism because of the high levels of iminoacids. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-74 DC395475.1 1-74 75-101 DC385464.1 1-27 102-2018 BC015027.1 1-1917
Protein Interactions	USP7; SUMO1; NDRG1; NAMPT; DPP3; CTSA; MVD; EIF6; GSR; GNS; GLS; GBP2; EIF5A; EIF4E; DLD; CASP7; CAPN1; ASS1; NHLRC2; LDHAL6B; FTO; BCCIP; CNDP2; GINS2; GDA; KYNU; RPS6KA1; SPP1; UBC; ATXN1; CUL2; TERF1; PEPD;
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-PEPD (ARP56088_P050-HRP) antibody
Blocking Peptide	For anti-PEPD (ARP56088_P050-HRP) antibody is Catalog # AAP56088 (Previous Catalog # AAPP35533)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PEPD
Uniprot ID	P12955
Protein Name	Xaa-Pro dipeptidase
Protein Accession #	NP_000276
Purification	Affinity Purified
Nucleotide Accession #	NM_000285
Gene Symbol	PEPD
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 92%; Dog: 100%; Goat: 79%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 86%
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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