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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
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	ARP56099_P050-HRP
Product Page	www.avivasysbio.com/pts-antibody-n-terminal-region-hrp-arp56099-p050-hrp.html
Name	PTS Antibody - N-terminal region : HRP (ARP56099_P050-HRP)
Protein Size (# AA)	145 amino acids
Molecular Weight	15kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	5805
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	6-pyruvoyltetrahydropterin synthase
Alias Symbols	PTPS
Peptide Sequence	Synthetic peptide located within the following region: SKFLSDEENLKLFGKCNNPNGHGHNYKVVVTVHGEIDPATGMVMNLADLK
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	The enzyme encoded by this gene catalyzes the elimination of inorganic triphosphate from dihydroneopterin triphosphate, which is the second and irreversible step in the biosynthesis of tetrahydrobiopterin from GTP. Tetrahydrobiopterin, also known as BH(4), is an essential cofactor and regulator of various enzyme activities, including enzymes involved in serotonin biosynthesis and NO synthase activity. Mutations in this gene result in hyperphenylalaninemia.
Protein Interactions	COIL; SDCBP; LNX1; THAP10; PTS; ASB5; ASB1; WDYHV1; FXR2; UBC; SMURF1; AGO4; FNDC5; PRKG2; PBRM1; PRKDC; ATR; ATM;
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-PTS (ARP56099_P050-HRP) antibody
Blocking Peptide	For anti-PTS (ARP56099_P050-HRP) antibody is Catalog # AAP56099
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human PTPS
Uniprot ID	Q03393
Protein Name	6-pyruvoyl tetrahydrobiopterin synthase
Protein Accession #	NP_000308
Purification	Affinity Purified
Gene Symbol	PTS
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; 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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