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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	ARP57885_P050-HRP
Product Page	www.avivasysbio.com/per1-antibody-n-terminal-region-hrp-arp57885-p050-hrp.html
Name	PER1 Antibody - N-terminal region : HRP (ARP57885_P050-HRP)
Protein Size (# AA)	294 amino acids
Molecular Weight	32kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	5187
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	period circadian clock 1
Alias Symbols	PER, hPER, RIGUI
Peptide Sequence	Synthetic peptide located within the following region: SGPLEGADGGGDP RPGESEFCPGGVPSGPPQHRPCPGPSLADDTDANSNG
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	This gene is a member of the Period family of genes and is expressed in a circadian pattern in the suprachiasmatic nucleus, the primary circadian pacemaker in the mammalian brain. Genes in this family encode components of the circadian rhythms of locomotor activity, metabolism, and behavior. This gene is upregulated by CLOCK/ARNTL heterodimers but then represses this upregulation in a feedback loop using PER/CRY heterodimers to interact with CLOCK/ARNTL. Polymorphisms in this gene may increase the risk of getting certain cancers. Alternative splicing has been observed in this gene; however, these variants have not been fully described.
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-PER1 (ARP57885_P050-HRP) antibody
Blocking Peptide	For anti-PER1 (ARP57885_P050-HRP) antibody is Catalog # AAP57885
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of human PER1
Uniprot ID	O15534
Protein Name	period circadian protein homolog 1
Protein Accession #	NP_002607.2
Purification	Affinity Purified
Nucleotide Accession #	NM_002616.2
Gene Symbol	PER1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 92%; Dog: 93%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 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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