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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55397_P050-Biotin
Product Page	www.avivasysbio.com/phactr1-antibody-middle-region-biotin-arp55397-p050-biotin.html
Name	PHACTR1 Antibody - middle region : Biotin (ARP55397_P050-Biotin)
Protein Size (# AA)	580 amino acids
Molecular Weight	66kDa
Conjugation	Biotin
NCBI Gene Id	221692
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Phosphatase and actin regulator 1
Alias Symbols	RPEL, DEE70, RPEL1, EIEE70, dJ257A7.2
Peptide Sequence	Synthetic peptide located within the following region: QRPTAELEQRNLIKPRNEQEEQEEKREIKRRLTRKLSQRPTVEELRERK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Allen,P.B., (2004) Proc. Natl. Acad. Sci. U.S.A. 101 (18), 7187-7192
Description of Target	PHACTR1 belongs to the phosphatase and actin regulator family. It contains 4 RPEL repeats. The function of the PHACTR1 protein remains unknown.
Protein Interactions	Dlg4; PPP1CA; ACTA1;
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-PHACTR1 (ARP55397_P050-Biotin) antibody
Blocking Peptide	For anti-PHACTR1 (ARP55397_P050-Biotin) antibody is Catalog# AAP55397 (Previous Catalog# AAPP33269)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PHACTR1
Uniprot ID	Q9C0D0
Protein Name	Phosphatase and actin regulator 1
Publications	Allain, B. et al. Neuropilin-1 regulates a new VEGF-induced gene, Phactr-1, which controls tubulogenesis and modulates lamellipodial dynamics in human endothelial cells. Cell. Signal. 24, 214-23 (2012). WB, Bovine, Mouse, Rat, Dog, Pig, Horse, Human, Rabbit, Guinea pig, Zebrafish, Yeast 21939755
Protein Accession #	NP_112210
Purification	Affinity Purified
Nucleotide Accession #	NM_030948
Gene Symbol	PHACTR1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish
Application	IHC, WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 90%; Zebrafish: 93%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base.

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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