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Produktinformation



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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	ARP58649_P050-Biotin
Product Page	www.avivasysbio.com/pcsk4-antibody-n-terminal-region-biotin-arp58649-p050-biotin.html
Name	PCSK4 Antibody - N-terminal region : Biotin (ARP58649_P050-Biotin)
Protein Size (# AA)	755 amino acids
Molecular Weight	83kDa
Conjugation	Biotin
NCBI Gene Id	54760
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Proprotein convertase subtilisin/kexin type 4
Alias Symbols	PC4, SPC5
Peptide Sequence	Synthetic peptide located within the following region: VSSWAVQVSQGNREVERLARKFGFVNLGPIFPDQGYFHLRHRGVVQQLT
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Qiu,Q., (2005) Proc. Natl. Acad. Sci. U.S.A. 102 (31), 11047-11052
Description of Target	PCSK4 is involved in the processing of hormone and other protein precursors at sites comprised of pairs of basic amino acid residues. PCSK4 plays a role in transcriptional coactivation. PCSK4 may be involved in stabilizing the multiprotein transcription complex. Proprotein convertases, including PCSK4, are calcium-dependent serine proteases related to bacterial subtilisins and to yeast kexin. These enzymes process precursor proteins to their active forms by selective cleavage of the polypeptide at sites following paired basic amino acids. In mammals, this family comprises PC1 (MIM 162150), PC2 (MIM 162151), PC4, PC5 (MIM 600488), furin (FUR; MIM 136950), and PACE4 (MIM 167405). Substrates for these enzymes range from prohormones to precursors for growth factors to cell surface receptors and viral surface glycoproteins (Cao et al., 2001 [PubMed 11776387]). [supplied by OMIM]. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-31 AC027307.5 80201-80231 c 32-257 AY358963.1 32-257 258-655 AK057235.1 452-849 656-2528 AY358963.1 656-2528 2529-2606 AL043305.1 210-287 2607-2674 AA453604.1 1-68 c
Protein Interactions	IGF2;
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-PCSK4 (ARP58649_P050-Biotin) antibody
Blocking Peptide	For anti-PCSK4 (ARP58649_P050-Biotin) antibody is Catalog # AAP58649 (Previous Catalog # AAPP35786)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PCSK4
Uniprot ID	Q6UW60
Protein Name	Proprotein convertase subtilisin/kexin type 4
Protein Accession #	NP_060043
Purification	Affinity Purified
Nucleotide Accession #	NM_017573
Gene Symbol	PCSK4
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Pig
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Human: 100%; Mouse: 86%; Pig: 100%; Rat: 93%
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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