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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	ARP54641_P050-Biotin
Product Page	www.avivasysbio.com/grn-antibody-middle-region-biotin-arp54641-p050-biotin.html
Name	GRN Antibody - middle region : Biotin (ARP54641_P050-Biotin)
Protein Size (# AA)	438 amino acids
Molecular Weight	48kDa
Conjugation	Biotin
NCBI Gene Id	2896
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	granulin
Alias Symbols	GEP, GP88, PEPI, PGRN, CLN11, PCDGF
Peptide Sequence	Synthetic peptide located within the following region: CPMPNATCCSDHLHCCPQDTVCDLIQSKCLSKENATDILLTKLPAHTVGD
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Granulins are a family of secreted, glycosylated peptides that are cleaved from a single precursor protein with 7.5 repeats of a highly conserved 12-cysteine granulin/epithelin motif. The 88 kDa precursor protein, progranulin, is also called proepithelin and PC cell-derived growth factor. Cleavage of the signal peptide produces mature granulin which can be further cleaved into a variety of active, 6 kDa peptides. These smaller cleavage products are named granulin A, granulin B, granulin C, etc. Epithelins 1 and 2 are synonymous with granulins A and B, respectively. Both the peptides and intact granulin protein regulate cell growth. However, different members of the granulin protein family may act as inhibitors, stimulators, or have dual actions on cell growth. Granulin family members are important in normal development, wound healing, and tumorigenesis.
Protein Interactions	OTX1; HOXA1; DLX2; SGTA; KRTAP26-1; KRTAP10-7; CCDC33; ARFGAP1; FANCL; NLK; GLRX3; EED; HECW2; Hk3; RPS6KA1; NPM1; POT1; FRAT1; YY1; TGM2; RAC1; PRKAB2; PIK3R2; SMAD9; KRT18; CRY1; CFTR; CCNG1; FBXO6; GFI1B; ATN1; CDK2; CRKL; VHL; SIRT3; ATXN7; CACNA1A; C
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-GRN (ARP54641_P050-Biotin) antibody
Blocking Peptide	For anti-GRN (ARP54641_P050-Biotin) antibody is Catalog# AAP54641
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of Human GRN
Uniprot ID	P28799-2
Protein Name	Granulins
Protein Accession #	NP_002078
Purification	Affinity Purified
Nucleotide Accession #	NM_002087
Gene Symbol	GRN
Predicted Species Reactivity	Human, Cow, Dog, Horse, Rabbit
Application	WB, IHC

Predicted Homology Based on Immunogen Sequence	Cow: 92%; Dog: 92%; Horse: 92%; Human: 100%; Rabbit: 85%
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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