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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP57505_P050-Biotin
Product Page	www.avivasysbio.com/gba3-antibody-n-terminal-region-biotin-arp57505-p050-biotin.html
Name	GBA3 Antibody - N-terminal region : Biotin (ARP57505_P050-Biotin)
Protein Size (# AA)	469 amino acids
Molecular Weight	54kDa
Conjugation	Biotin
NCBI Gene Id	57733
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Glucosidase, beta, acid 3 (cytosolic)
Alias Symbols	CBG, GLUC, KLRP, CBGL1
Peptide Sequence	Synthetic peptide located within the following region: LTHYRFSLSWSRLLPDGTTGFINQKIDYYNKIIDDLLKNGVTPIVTLYH
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	GBA3, or cytosolic beta-glucosidase (EC 3.2.1.21), is a predominantly liver enzyme that efficiently hydrolyzes beta-D-glucoside and beta-D-galactoside, but not any known physiologic beta-glycoside, suggesting that it may be involved in detoxification of plant glycosides (de Graaf et al., 2001 [PubMed 11389701]). GBA3 also has significant neutral glycosylceramidase activity (EC 3.2.1.62), suggesting that it may be involved in a nonlysosomal catabolic pathway of glycosylceramide metabolism (Hayashi et al., 2007 [PubMed 17595169]).
Protein Interactions	PRKCSH; UBC;
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-GBA3 (ARP57505_P050-Biotin) antibody
Blocking Peptide	For anti-GBA3 (ARP57505_P050-Biotin) antibody is Catalog# AAP57505 (Previous Catalog# AAPP44037)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human GBA3
Uniprot ID	Q9H227
Protein Name	Cytosolic beta-glucosidase
Protein Accession #	NP_066024
Purification	Affinity Purified
Nucleotide Accession #	NM_020973
Gene Symbol	GBA3
Predicted Species Reactivity	Human, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Pig: 100%; Rabbit: 93%; 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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