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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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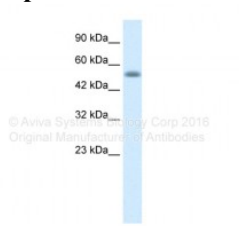
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Product Number	P102230_T100
Product Page	www.avivasysbio.com/nucb1-antibody-c-terminal-region-p102230-t100.html
Name	NUCB1 Antibody - C-terminal region (P102230_T100)
Protein Size (# AA)	461 amino acids
Molecular Weight	51kDa
NCBI Gene Id	4924
Host	Rabbit
Clonality	Polyclonal
Concentration	1.0 mg/ml
Gene Full Name	Nucleobindin 1
Description	View product citations for NUCB1 Antibody - C-terminal region (P102230_T100) on CiteAb
Alias Symbols	NUC, CALNUC
Peptide Sequence	Synthetic peptide located within the following region: PAAHPEGQLKFHPDITDDVPVPAPAGDQKEVDTSEKKLLERLPEVEVPOHL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reference	Lin, P., et al., approved publication in the Journal of Neurochemistry. See http://www.blackwell-synergy.com/loi/jnc for details (doi: 10.1111/j.1471-4159.2006.04336.x).
Description of Target	Calnuc or NUCB1 belongs to the nucleobindin family. It is a major calcium-binding protein of the Golgi and is a good Golgi marker. It may be involved in calcium homeostasis. Calnuc also plays roles in regulation of levels of β -amyloid precursor protein (APP) and its proteolytic metabolites to further affect the patho/physiological functions of APP including Alzheimer's disease pathogenesis. Useful for immunohistochemistry and western blot.
Protein Interactions	REL; UBC; MDM2; CTPS2; RAD23B; PRKDC; METTL1; GTF2I; CBS; XPNPEP1; WARS; PTGS2; XPO1; SET; RBL1; MYC; HIVEP1; GNAS; GNAI3; GNAI1; KLC4; PTGS1; NDN; GNAI2; GNAO1; GNAZ;
Reconstitution and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.
Datasheets/Manuals	Printable datasheet for anti-NUCB1 (P102230_T100) antibody
Blocking Peptide	For anti-NUCB1 (P102230_T100) antibody is Catalog # AAP32192 (Previous Catalog# AAPP03165)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human NUCB1
Uniprot ID	Q02818
Protein Name	Nucleobindin-1
Publications	Calnuc Function in Endosomal Sorting of Lysosomal Receptors. Traffic. 17, 416-32 (2016). 26756199
Protein Accession #	NP_006175
Purification	Protein A purified
Nucleotide Accession #	NM_006184
Tested Species Reactivity	Human
Gene Symbol	NUCB1
Predicted Species Reactivity	Human
Application	WB

Predicted Homology Based on Immunogen Sequence	Human: 100%
Image 1	<p>Human HepG2</p>  <p>Host: Rabbit Target Name: NUCB1 Sample Tissue: Human HepG2 Antibody Dilution: 1ug/ml</p>

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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