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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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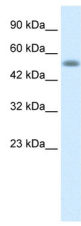
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Product Number	P102230_P050
Product Page	www.avivasysbio.com/nucb1-antibody-c-terminal-region-p102230-p050.html
Name	NUCB1 Antibody - C-terminal region (P102230_P050)
Protein Size (# AA)	461 amino acids
Molecular Weight	54kDa
NCBI Gene Id	4924
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Nucleobindin 1
Description	View product citations for NUCB1 Antibody - C-terminal region (P102230_P050) on CiteAb
Alias Symbols	NUC, CALNUC
Peptide Sequence	Synthetic peptide located within the following region: PAAHPEGQLKFHPDTDDVPVPAPAGDQKEVDTSSEKKLLERLPEVEVPQHL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reference	de Alba, E. et al., (2004) Biochemistry 43 (31), 10039-10049
Description of Target	Nucleobindin, also known as calnuc, participates in Ca ²⁺ storage in the Golgi, as well as in other biological processes that involve DNA-binding and protein-protein interactions.
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 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Datasheets/Manuals	Printable datasheet for anti-NUCB1 (P102230_P050) antibody
Blocking Peptide	For anti-NUCB1 (P102230_P050) antibody is Catalog # AAP32192
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human NUCB1
Uniprot ID	Q02818
Protein Name	Nucleobindin-1
Publications	Larkin, H., Ribeiro, M. G. & Lavoie, C. Topology and Membrane Anchoring of the Lysosomal Storage Disease-Related Protein CLN5. Hum. Mutat. 34, 1688-97 (2013). 24038957 Lin, P., Fischer, T., Lavoie, C., Huang, H. & Farquhar, M. G. Calnuc plays a role in dynamic distribution of Galphai but not Gbeta subunits and modulates ACTH secretion in AtT-20 neuroendocrine secretory cells. Mol. Neurodegener. 4, 15 (2009). 19320978 Nucleobindin 1 binds to multiple types of pre-fibrillar amyloid and inhibits fibrillization. Sci Rep. 7, 42880 (2017). 28220836 Sugeno, N. et al. Serine 129 phosphorylation of alpha-synuclein induces unfolded protein response-mediated cell death. J. Biol. Chem. 283, 23179-88 (2008). 18562315 Valencia, C. A., Cotten, S. W., Duan, J. & Liu, R. Modulation of nucleobindin-1 and nucleobindin-2 by caspases. FEBS Lett. 582, 286-90 (2008). 18154733
Protein Accession #	NP_006175
Purification	Affinity 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	Human HepG2  WB Suggested Anti-NUCB1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: HepG2 cell lysate

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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.