

NUCB1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16271**Specification**

NUCB1 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q02818
Other Accession	NM_006184 , NP_006175
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51kDa KDa

NUCB1 antibody - C-terminal region - Additional Information**Gene ID** 4924

Alias Symbol	NUC, CALNUC
Other Names	
Nucleobindin-1, CALNUC, NUCB1, NUC	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-NUCB1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

NUCB1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

NUCB1 antibody - C-terminal region - Protein Information**Name** NUCB1**Synonyms** NUC**Function**

Major calcium-binding protein of the Golgi which may have a role in calcium homeostasis (By similarity). Acts as a non-receptor guanine nucleotide exchange factor which binds to and activates alpha subunits of guanine nucleotide-binding proteins (G proteins) (By similarity).

Cellular Location

Golgi apparatus, cis-Golgi network membrane {ECO:0000250|UniProtKB:Q63083}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q63083}; Lumenal side

{ECO:0000250|UniProtKB:Q63083}. Cytoplasm {ECO:0000250|UniProtKB:Q63083}. Secreted {ECO:0000250|UniProtKB:Q63083}. Note=A small fraction of the protein may be cytoplasmic. {ECO:0000250|UniProtKB:Q63083}

Tissue Location

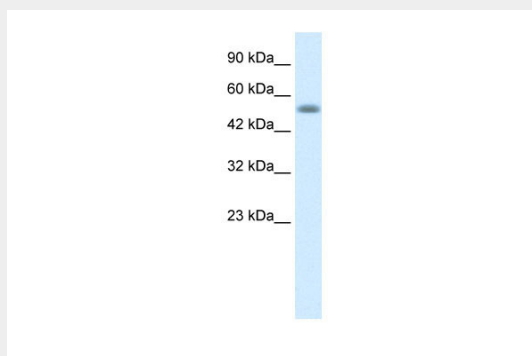
Expressed both in fetal and adult heart, lung, liver, kidney and brain, and in adult skeletal muscle, placenta and pancreas

NUCB1 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NUCB1 antibody - C-terminal region - Images



Host: Rabbit
Target Name: NUCB1
Sample Tissue: HepG2 lysates
Antibody Dilution: 1.0µg/ml

NUCB1 antibody - C-terminal region - Background

Major calcium-binding protein of the Golgi. May have a role in calcium homeostasis (By similarity).

NUCB1 antibody - C-terminal region - References

Miura K., et al. Biochem. Biophys. Res. Commun. 187:375-380(1992).
Miura K., et al. Genomics 34:181-186(1996).
Kalinine N., et al. Submitted (AUG-2003) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.