

NUCB1 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI16271

Product Information

Application	WB
Primary Accession	Q02818
Other Accession	NM_006184 , NP_006175
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53879

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.

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

Background

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

References

Miura K.,et al.Biochem. Biophys. Res. Commun. 187:375-380(1992).
Miura K.,et al.Genomics 34:181-186(1996).
Kalnine 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.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.