

NUCB1 Antibody
Mouse Antibody
Catalog # AI10150**Specification****NUCB1 Antibody - Product Information**

Application	WB
Primary Accession	Q02818
Other Accession	NM_006184 , NP_006175
Reactivity	Human
Host	Mouse
Isotype	Mouse IgG
Calculated MW	51kDa KDa

NUCB1 Antibody - Additional Information**Gene ID** 4924**Alias Symbol** **NUC, CALNUC, FLJ40471, DKFZp686A15286, NUCB1****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 100ul of distilled water. Final anti-NUCB1 antibody concentration is 1 mg/ml in PBS buffer. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions

NUCB1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

NUCB1 Antibody - 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 - 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](#)