

NUCB1 Antibody

Mouse Antibody
Catalog # AI10150

Product Information

Application	WB
Primary Accession	Q02818
Other Accession	NM_006184 , NP_006175
Reactivity	Human
Host	Mouse
Isotype	Mouse IgG
Clone Names	4000000000
Calculated MW	53879

Additional Information

Gene ID	4924
Alias Symbol Other Names	NUC, CALNUC, FLJ40471, DKFZp686A15286, NUCB1 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.

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

References

Tsukumo,Y., et al., J. Biol. Chem. 284, 27500-27510 (2009)

Images

