Mouse NUCB1 Monoclonal Antibody | anti-NUCB1 antibody

NUCB1 antibody

CATALOG #	HOST	APPLICATIONS
AAA108054	**Mouse**	**Western Blot, Immunofluorescence**

PRODUCT SYNONYMS

NUCB1; Monoclonal Antibody; NUCB1 antibody; Monoclonal NUCB1; Anti-NUCB1; Nucleobindin 1; NUCB 1; NUCB-1; anti-NUCB1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1G3
Purity/Purification	NUCB1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Applicable Applications for anti-NUCB1 antibody	WB (Western Blot), IF (Immunofluorescence)
Biological Significance	Calnuc or NUCB1 belongs to the nucleobindin family. It is a major calcium-binding protein of the Golgi and is a good Golgi marker. It may be involved in calcium homeostasis. Calnuc also plays roles in regulation of levels of amyloid precursor protein (APP) and its proteolytic metabolites to further affect the patho/physiological functions of APP including Alzheimer's disease pathogenesis.
Cross-Reactivity	Human
Immunogen	NUCB1 antibody was raised in mouse using a full length recombinant protein of human NUCB1 (NP_006175) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant NUCB1 protein (Right) or empty vector (Left) detected with NUCB1 antibody

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant NUCB1 protein using NUCB1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-NUCB1 antibody	Mouse monoclonal NUCB1 antibody
Product Categories/Family for anti-NUCB1 antibody	Signal Transduction

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/nucb1-antibody-clone-1g3-western-blot-immunofluorescence-elisa/108054