



NUCB1 mouse mAb

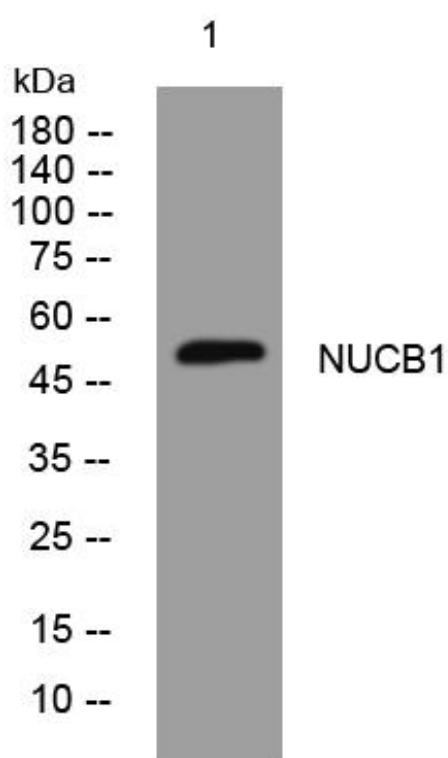
Catalog No	YP-mAb-08374
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	NUCB1 NUC
Protein Name	NUCB1
Immunogen	Synthesized peptide derived from human NUCB1 AA range: 54-104
Specificity	This antibody detects endogenous levels of NUCB1 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	51kD
Cell Pathway	Golgi apparatus, cis-Golgi network membrane ; Peripheral membrane protein ; Luminal side . Cytoplasm . Secreted . A small fraction of the protein may be cytoplasmic. .
Tissue Specificity	Expressed both in fetal and adult heart, lung, liver, kidney and brain, and in adult skeletal muscle, placenta and pancreas.
Function	domain:The EF-hand domains are unfolded in the absence of Ca(2+) and fold upon Ca(2+) addition.,function:Major calcium-binding protein of the Golgi. May have a role in calcium homeostasis.,miscellaneous:Discovered as DNA-binding protein in the serum of lupus-prone mice.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the nucleobindin family.,similarity:Contains 2 EF-hand domains.,subcellular location:A small fraction of the protein may be cytoplasmic.,subunit:Interacts with GNAI2 and GNAI3.,tissue specificity:Expressed both in fetal and adult heart, lung, liver, kidney and brain, and in adult skeletal muscle, placenta and pancreas.,
Background	This gene encodes a member of a small calcium-binding EF-hand protein family. The encoded protein is thought to have a key role in Golgi calcium homeostasis and Ca(2+)-regulated signal transduction events. [provided by RefSeq, Jun 2010],

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using NUCB1 mouse mAb