



NUCB1 rabbit pAb

Catalog No	BYab-24555
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	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1: 500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Golgi apparatus, cis-Golgi network membrane ; Peripheral membrane protein ; Lumenal 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.,

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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

