



NUCB1 rabbit pAb

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| Catalog No | BYab-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 | 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 ; 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., |

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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

