



NOG1 Monoclonal Antibody

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| Catalog No | YP-mAb-05878 |
| Isotype | IgG |
| Reactivity | Human;Rat;Mouse |
| Applications | WB |
| Gene Name | GTPBP4 CRFG NOG1 |
| Protein Name | Nucleolar GTP-binding protein 1 (Chronic renal failure gene protein) (GTP-binding protein NGB) |
| Immunogen | Synthesized peptide derived from human protein . at AA range: 580-660 |
| Specificity | NOG1 Monoclonal Antibody detects endogenous levels of protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 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 | 69kD |
| Cell Pathway | Nucleus, nucleolus . |
| Tissue Specificity | Cervix carcinoma,Epithelium,Kidney,Liver,Uterus, |
| Function | function:Involved in the biogenesis of the 60S ribosomal subunit.,similarity:Belongs to the GTP1/OBG family. NOG subfamily., |
| Background | GTP-binding proteins are GTPases and function as molecular switches that can flip between two states: active, when GTP is bound, and inactive, when GDP is bound. ‘Active’ in this context usually means that the molecule acts as a signal to trigger other events in the cell. When an extracellular ligand binds to a G-protein-linked receptor, the receptor changes its conformation and switches on the trimeric G proteins that associate with it by causing them to eject their GDP and replace it with GTP. The switch is turned off when the G protein hydrolyzes its own bound GTP, converting it back to GDP. But before that occurs, the active protein has an opportunity to diffuse away from the receptor and deliver its message for a prolonged period to its downstream target. [provided by RefSeq, Jul 2008], |

**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