

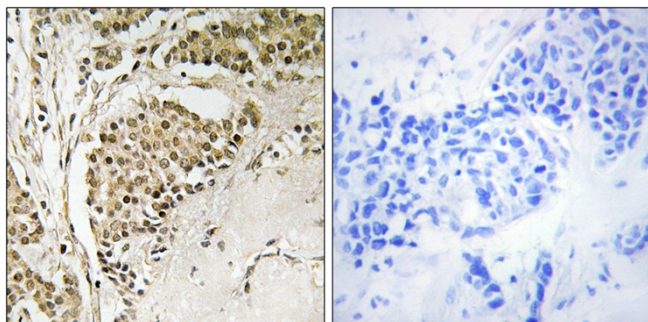


# NOM1 Polyclonal Antibody

|                                  |                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-Ab-04043                                                                                                                                                                                                                                                                                                                               |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                       |
| <b>Reactivity</b>                | Human;Mouse                                                                                                                                                                                                                                                                                                                               |
| <b>Applications</b>              | IHC;IF;ELISA                                                                                                                                                                                                                                                                                                                              |
| <b>Gene Name</b>                 | NOM1                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Name</b>              | Nucleolar MIF4G domain-containing protein 1                                                                                                                                                                                                                                                                                               |
| <b>Immunogen</b>                 | The antiserum was produced against synthesized peptide derived from human NOM1. AA range:661-710                                                                                                                                                                                                                                          |
| <b>Specificity</b>               | NOM1 Polyclonal Antibody detects endogenous levels of NOM1 protein.                                                                                                                                                                                                                                                                       |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                   |
| <b>Source</b>                    | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                    |
| <b>Purification</b>              | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                     |
| <b>Dilution</b>                  | IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200                                                                                                                                                                                                                                                                                          |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                                                                                                   |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                                                                                                                                                              |
| <b>Synonyms</b>                  | NOM1; C7orf3; Nucleolar MIF4G domain-containing protein 1; SGD1 homolog                                                                                                                                                                                                                                                                   |
| <b>Observed Band</b>             |                                                                                                                                                                                                                                                                                                                                           |
| <b>Cell Pathway</b>              | Nucleus, nucleolus .                                                                                                                                                                                                                                                                                                                      |
| <b>Tissue Specificity</b>        | Expressed in heart and skeletal muscle.                                                                                                                                                                                                                                                                                                   |
| <b>Function</b>                  | similarity:Belongs to the CWC22 family.,similarity:Contains 1 MI domain.,similarity:Contains 1 MIF4G domain.,subunit:May interact with EIF4A1, EIF4A2 and EIF4A3.,tissue specificity:Expressed in heart and skeletal muscle.,                                                                                                             |
| <b>Background</b>                | Proteins that contain MIF4G (middle of eIF4G (MIM 600495)) and/or MA3 domains, such as NOM1, function in protein translation. These domains include binding sites for members of the EIF4A family of ATP-dependent DEAD box RNA helicases (see EIF4A1; MIM 602641) (Simmons et al., 2005 [PubMed 15715967]).[supplied by OMIM, Mar 2008], |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                      |
| <b>Usage suggestions</b>         | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.                                                                                                                                                                                                         |



## Products Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using NOM1 Antibody. The picture on the right is blocked with the synthesized peptide.