

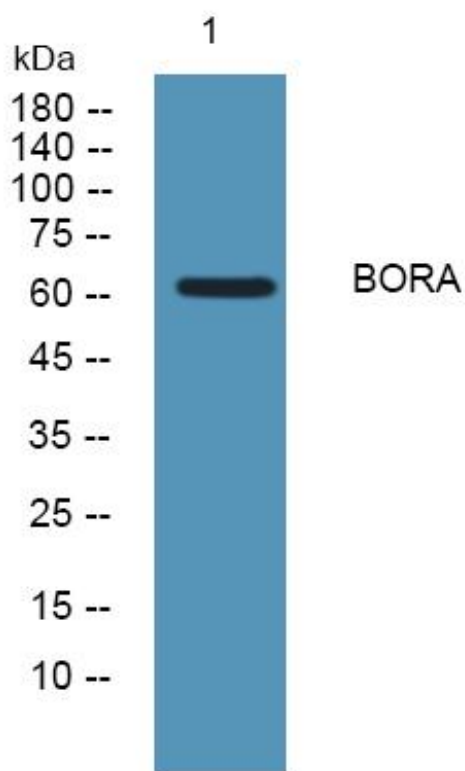


# BORA Monoclonal Antibody

|                                    |                                                                                                                                                                                                                                                                     |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-04907                                                                                                                                                                                                                                                        |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                 |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                     |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                  |
| <b>Gene Name</b>                   | BORA C13orf34                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>                   | Synthesized peptide derived from human protein . at AA range: 440-520                                                                                                                                                                                               |
| <b>Specificity</b>                 | BORA Monoclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                      |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                      |
| <b>Source</b>                      | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                               |
| <b>Purification</b>                | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                |
| <b>Dilution</b>                    | WB 1:500-1:2000                                                                                                                                                                                                                                                     |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                             |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>                    | BORA;C13orf34;HsBora;Protein aurora borealis;BORA C13orf34;Protein aurora borealis (HsBora)                                                                                                                                                                         |
| <b>Observed Band</b>               | 61kD                                                                                                                                                                                                                                                                |
| <b>Calculated Molecular Weight</b> | 61kD                                                                                                                                                                                                                                                                |
| <b>Cell Pathway</b>                | cytosol,meiotic spindle,                                                                                                                                                                                                                                            |
| <b>Tissue Specificity</b>          | Bone marrow,Leiomyosarcoma,Rhabdomyosarcoma,Small intestine,Testis carcinom                                                                                                                                                                                         |
| <b>Function</b>                    | function:Required for the activation of Aurora-A (AURKA/STK6) at the onset of mitosis.,PTM:Phosphorylated by AURKA/STK6.,similarity:Belongs to the BORA family.,subunit:Interacts with AURKA/STK6.,                                                                 |
| <b>Background</b>                  | BORA is an activator of the protein kinase Aurora A (AURKA; MIM 603072), which is required for centrosome maturation, spindle assembly, and asymmetric protein localization during mitosis (Hutterer et al., 2006 [PubMed 16890155]) .[supplied by OMIM, Mar 2008], |
| <b>matters needing attention</b>   | 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 BORA Monoclonal Antibody