



# BORA (Phospho-Ser497) rabbit pAb

|                                  |                                                                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | BYab-10553                                                                                                                                                                                                                                                         |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                |
| <b>Reactivity</b>                | Human; Mouse;Rat                                                                                                                                                                                                                                                   |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                                 |
| <b>Gene Name</b>                 | BORA C13orf34                                                                                                                                                                                                                                                      |
| <b>Protein Name</b>              | BORA (Phospho-Ser497)                                                                                                                                                                                                                                              |
| <b>Immunogen</b>                 | Synthesized peptide derived from human BORA (Phospho-Ser497)                                                                                                                                                                                                       |
| <b>Specificity</b>               | This antibody detects endogenous levels of BORA (Phospho-Ser497) at Human, Mouse,Rat                                                                                                                                                                               |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, and 0.209% sodium azide.                                                                                                                                                                                                    |
| <b>Source</b>                    | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                             |
| <b>Purification</b>              | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                          |
| <b>Dilution</b>                  | WB 1:500-2000                                                                                                                                                                                                                                                      |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                            |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                                                                               |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>                  | Protein aurora borealis (HsBora)                                                                                                                                                                                                                                   |
| <b>Observed Band</b>             |                                                                                                                                                                                                                                                                    |
| <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!                                                                                                                                                                                                                               |

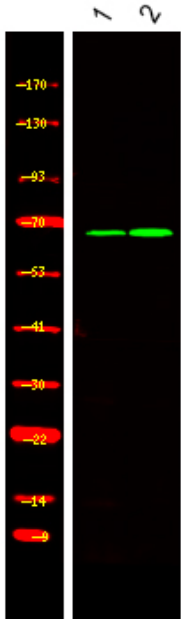
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## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of 1 Jurkat, 2, LPS 100ng/mL 30min treated ,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000

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