

Bub3 Antibody
Rabbit mAb
Catalog # AP91918**Specification**

Bub3 Antibody - Product Information

Application WB, IHC, FC, ICC, IP
Primary Accession [O43684](#)
Reactivity Rat
Clonality Monoclonal
Other Names
BUB3; BUB 3L;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 37155 Da

Bub3 Antibody - Additional Information

Dilution WB~~1:1000
IHC~~1:100~500
FC~~1:10~50
ICC~~N/A
IP~~N/A
Purification Affinity-chromatography
Immunogen A synthesized peptide derived from human Bub3
Description Has a dual function in spindle-assembly checkpoint signaling and in promoting the establishment of correct kinetochore-microtubule (K-MT) attachments. Promotes the formation of stable end-on bipolar attachments. Necessary for kinetochore localization of BUB1. Regulates chromosome segregation during oocyte meiosis.
Storage Condition and Buffer Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Bub3 Antibody - Protein Information**Name** BUB3**Function**

Has a dual function in spindle-assembly checkpoint signaling and in promoting the establishment of correct kinetochore-microtubule (K-MT) attachments. Promotes the formation of stable end-on

bipolar attachments. Necessary for kinetochore localization of BUB1. Regulates chromosome segregation during oocyte meiosis. The BUB1/BUB3 complex plays a role in the inhibition of anaphase-promoting complex or cyclosome (APC/C) when spindle-assembly checkpoint is activated and inhibits the ubiquitin ligase activity of APC/C by phosphorylating its activator CDC20. This complex can also phosphorylate MAD1L1.

Cellular Location

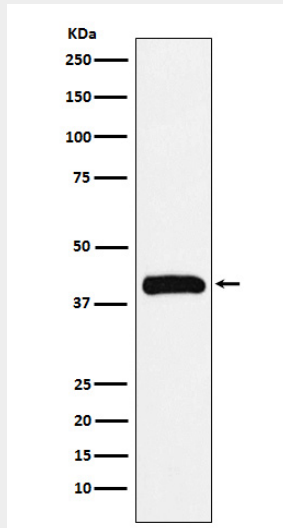
Nucleus. Chromosome, centromere, kinetochore. Note=Starts to localize at kinetochores in prometaphase I (Pro-MI) stage and maintains the localization until the metaphase I- anaphase I (MI-AI) transition.

Bub3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Bub3 Antibody - Images



Western blot analysis of Bub3 expression in Jurkat cell lysate.