

Rabbit anti-Human, Mouse Bub3 Polyclonal Antibody | anti-BUB3 antibody

Bub3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39375	Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

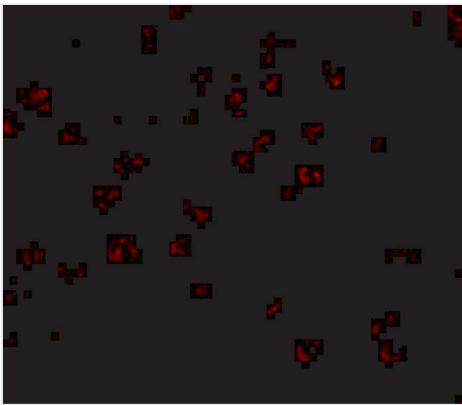
PRODUCT SYNONYMS

Bub3; Polyclonal Antibody; Bub3 Antibody; BUB3L; hBUB3; Mitotic checkpoint protein BUB3; budding uninhibited by benzimidazoles 3 homolog (yeast); anti-BUB3 antibody

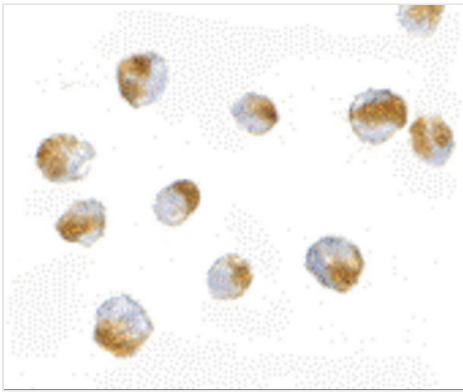
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Bub3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	328
Applicable Applications for anti-BUB3 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Bub3 antibody was raised against a 16 amino acid synthetic peptide from near the carboxy terminus of human bub3.
Buffer	Bub3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Bub3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

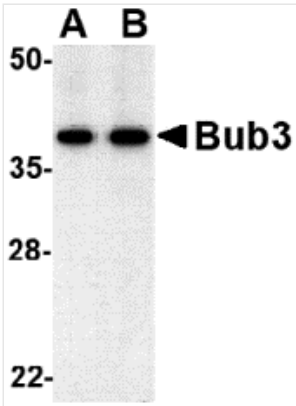
IMAGES



IF (Immunofluorescence)
Immunofluorescence of bub3 in Jurkat cells with bub3 antibody at 20 µg/mL.



ICC (Immunocytochemistry)
Immunocytochemistry of Bub3 in Jurkat cells with Bub3 antibody at 10 µg/mL.



WB (Western Blot)
Western blot analysis of bub3 in Jurkat cell lysate with bub3 antibody at (A) 0.5 and (B) 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-BUB3 antibody	Bub3 Antibody: The mitotic checkpoint protein Bub3 is involved with the essential spindle checkpoint pathway which operates during early embryogenesis. Bub3 is important during G2 and early mitosis stages, permitting entry into mitosis depending upon the assembly state of microtubules, thus preventing premature sister chromatid separation, mis-segregation and aneuploidy. Bub3 contains four WD repeat domains and is required for the kinetochore localization of Bub1, a related kinase that is necessary for spindle assembly checkpoint function. Bub1 is able to autophosphorylate and can catalyze the phosphorylation of Bub3. Both Bub1 and Bub3 are mutually dependent for function. Altered Bub expression levels may significantly impair mitotic checkpoint function and is associated with tumor cell proliferation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7387554
NCBI GeneID	9184
UniProt Accession #	O43684; O43685; A6NJ42; B2R6E7; D3DRE9
Molecular Weight	36,955 Da
NCBI Official Full Name	Mitotic checkpoint protein BUB3
NCBI Official Synonym Full Names	BUB3 mitotic checkpoint protein
NCBI Official Symbol	BUB3
NCBI Official Synonym Symbols	BUB3L; hBUB3

NCBI Protein Information	mitotic checkpoint protein BUB3; mitotic checkpoint component; budding uninhibited by benomyl; budding uninhibited by benzimidazoles 3 homolog; BUB3 budding uninhibited by benzimidazoles 3 homolog
UniProt Protein Name	Mitotic checkpoint protein BUB3
UniProt Gene Name	BUB3
UniProt Entry Name	BUB3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bub3-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39375>