

Rabbit Bub3 Polyclonal Antibody | anti-BUB3 antibody

Anti-Bub3 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45085	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Immunohistochemistry, Western Blot

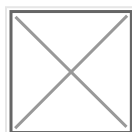
PRODUCT SYNONYMS

Bub3; Polyclonal Antibody; Anti-Bub3 antibody; Mitotic checkpoint protein BUB3; budding uninhibited by benzimidazoles 3 homolog(yeast); Aa2-050 antibody; AU019800 antibody; AU021329 antibody; AU043350 antibody; AW146323 antibody; BUB 3 antibody; BUB 3L antibody; BUB3(budding uninhibited by benzimidazoles 3; yeast) homolog antibody; bub3 antibody; BUB3 budding uninhibited by benzimidazoles 3 homolog antibody; BUB3_HUMAN antibody; BUB3L antibody; Budding uninhibited by benomyl antibody; Budding uninhibited by benzimidazoles 3 antibody; Budding uninhibited by benzimidazoles 3 homolog(S. cerevisiae) antibody; Budding uninhibited by benzimidazoles 3 homolog(yeast) antibody; Budding uninhibited by benzimidazoles 3 homolog antibody; Budding uninhibited by benzimidazoles 3; S. cerevisiae; homolog of antibody; C78067 antibody; hBUB3 antibody; Mitotic checkpoint component antibody; Mitotic checkpoint protein bub3 antibody; OTTHUMP00000020679 antibody; OTTHUMP00000020680 antibody; WD repeat type I transmembrane protein A72.5 antibody; anti-BUB3 antibody

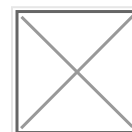
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	328
Applicable Applications for anti-BUB3 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human Bub3 (76-90aa DHQLKMHDNLNTDQEN), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



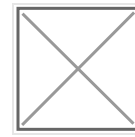
ICC (Immunocytochemistry)
Anti-Bub3 antibody, AAA45085, ICCIC: HELA Cell



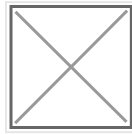
ICC (Immunocytochemistry)
Anti-Bub3 antibody, AAA45085, ICCIC: A549 Cell

**IHC (Immunohistochemistry)**

Anti-Bub3 antibody, AAA45085, IHC(P)IHC(P): Human Mammary Cancer Tissue

**IHC (Immunohistochemistry)**

Anti-Bub3 antibody, AAA45085, IHC(P)IHC(P): Rat Testis Tissue

**WB (Western Blot)**

Anti-Bub3 antibody, AAA45085, Western blottingAll lanes: Anti Bub3 (AAA45085) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: A549 Whole Cell Lysate at 40ugLane 3: JURKAT Whole Cell Lysate at 40ugLane 4: COLO320 Whole Cell Lysate at 40ugPredicted bind size: 37KDObserved bind size: 37KD

ADDITIONAL INFORMATION**Related Product Information for anti-BUB3 antibody**

Description: Rabbit IgG polyclonal antibody for Mitotic checkpoint protein BUB3(BUB3) detection. Tested with WB, IHC-P, IHC-F, ICC in Human, Mouse, Rat.

Background: BUB3(BUDDING UNINHIBITED BY BENZIMIDAZOLES 3) is a protein that in humans is encoded by the BUB3 gene. And it is mapped on 10q26.13. Bub3 is also a protein involved with the regulation of the Spindle Assembly Checkpoint(SAC); though BUB3 is non-essential in yeast, it is essential in higher eukaryotes. As one of the checkpoint proteins, Bub3 delays the irreversible onset of anaphase through direction of kinetochore localization during prometaphase to achieve biorentation. Bub3 directs the localization of Bub1 at the kinetochore in order to activate the SAC. Bub3 also acts as a regulator in that it affects binding of Mad3 to Mad2. Using deletion analysis, the authors identified a domain of BUB1 that is required both for binding BUB3 and for kinetochore localization of BUB1.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/bub3-antibody-immunocytochemistry-immunohistochemistry-immunohistochemistry-western-blot-elisa/45085>