

Rabbit anti-Human BUB1A Polyclonal Antibody | anti-BUB1 antibody

BUB1A Antibody (N-term)

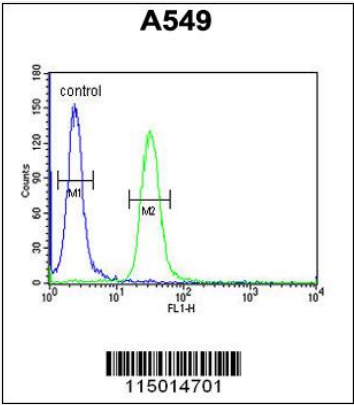
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286691	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

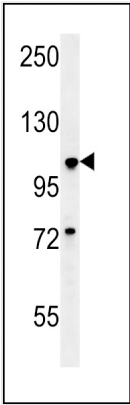
BUB1A; Polyclonal Antibody; BUB1A Antibody (N-term); Mitotic checkpoint serine/threonine-protein kinase BUB1; hBUB1; BUB1; BUB1L; anti-BUB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BUB1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human BUB1A.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1-30
Sequence Length	1,065
Applicable Applications for anti-BUB1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
BUB1A Antibody (N-term) flow cytometric analysis of A549 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
BUB1A Antibody (N-term) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the BUB1A antibody detected the BUB1A protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-BUB1 antibody	BUB1A is a kinase involved in spindle checkpoint function. The kinase functions in part by phosphorylating a member of the mitotic checkpoint complex and activating the spindle checkpoint.
Product Categories/Family for anti-BUB1 antibody	Cancer; Cell biology
References	Gambe, A.E., et al. FEBS Lett. 583(12):1951-1956(2009) Klebig, C., et al. J. Cell Biol. 185(5):841-858(2009) Gao, F., et al. Cancer Biol. Ther. 8(7):548-556(2009) Gao, F., et al. Cancer Biol. Ther. 8(7):627-635(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757878
NCBI GeneID	699
NCBI Accession #	NP_004327.1
NCBI GenBank Nucleotide #	NM_004336.4
UniProt Accession #	O43683; O43430; O43643; O60626; Q53QE4; E9PC26; F5GXI5
Molecular Weight	122375
NCBI Official Full Name	mitotic checkpoint serine/threonine-protein kinase BUB1 isoform 1
NCBI Official Synonym Full Names	BUB1 mitotic checkpoint serine/threonine kinase
NCBI Official Symbol	BUB1
NCBI Official Synonym Symbols	BUB1A; BUB1L; hBUB1
NCBI Protein Information	mitotic checkpoint serine/threonine-protein kinase BUB1
UniProt Protein Name	Mitotic checkpoint serine/threonine-protein kinase BUB1
UniProt Gene Name	BUB1
UniProt Synonym Gene Names	BUB1L; hBUB1

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/bub1a-antibody-flow-cytometry-western-blot-elisa/286691>