

Rabbit anti-Human BUB1 (BUB1a) Polyclonal Antibody | anti-BUB1 antibody

BUB1 (BUB1a) Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284829	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

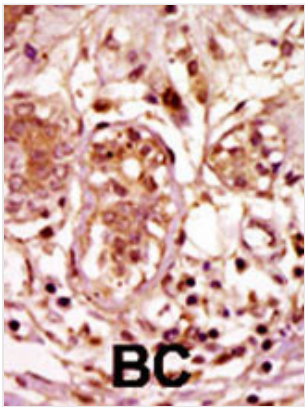
PRODUCT SYNONYMS

BUB1 (BUB1a); Polyclonal Antibody; BUB1 (BUB1a) Antibody (C-term); Mitotic checkpoint serine/threonine-protein kinase BUB1; hBUB1; BUB1A; BUB1; BUB1L; anti-BUB1 antibody

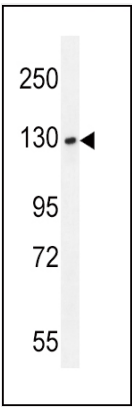
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BUB1 (BUB1a) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1043-1073 amino acids from the C-terminal region of human BUB1 (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	1043-1073
Sequence Length	1,065
Applicable Applications for anti-BUB1 antibody	IHC (Immunohistochemistry), 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.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
BUB1A Antibody (F1058) western blot analysis in T47D cell line lysates (35ug/lane). This demonstrates the BUB1A antibody detected the BUB1A protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-BUB1 antibody	This gene encodes 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. Mutations in this gene have been associated with aneuploidy and several forms of cancer.
Product Categories/Family for anti-BUB1 antibody	Cancer; Cell biology
References	Shichiri, M., et al., Cancer Res. 62(1):13-17 (2002). Cayrol, C., et al., Biochem. Biophys. Res. Commun. 298(5):720-730 (2002). Nakagawa, H., et al., Oncol. Rep. 9(6):1229-1232 (2002). Ru, H.Y., et al., Oncogene 21(30):4673-4679 (2002). Lin, S.F., et al., Leuk. Lymphoma 43(2):385-391 (2002).

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; F5GX15
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/bub1-bub1a-antibody-immunohistochemistry-western-blot-elisa/284829>