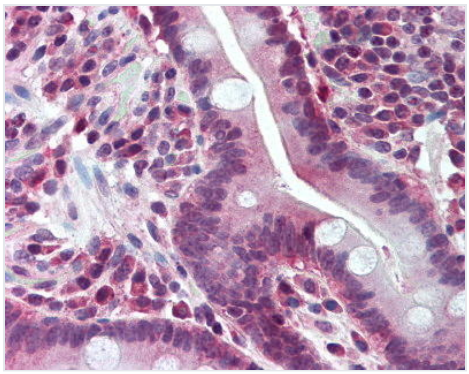
BubR1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	BUB1 (BubR1), Polyclonal Antibody
Full Product Name	BUB1, NT (Mitotic Checkpoint Serine/Threonine-protein Kinase BUB1, hBub1, BUB1A, BUB1L)
Product Gene Name	anti-BubR1 antibody
Product Synonym Names	Anti -BUB1, NT (Mitotic Checkpoint Serine/Threonine-protein Kinase BUB1, hBub1, BUB1A, BUB1L)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, 0.02% sodium azide.
Purity/Purification	Affinity Purified Purified by immunoaffinity chromatography.
Specificity	Recognizes human BUB1. Species sequence homology: Mouse.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Chromosome Location	Chromosome: 2R; NT_033778.3 (1856604..1861890, complement). Location: 42A5-42A6
Immunogen	Synthetic peptide corresponding to 19aa from near the N-terminal of human Bub1 (KLH).
Product Categories/Family for anti-BubR1 antibody	Antibodies; Abs to DNA Replication; Repair
Applications Tested/Suitable for anti-BubR1 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-BubR1 antibody	Suitable for use in Western Blot and Immunohistochemistry. Dilution: Western Blot: 4ug/ml Immunohistochemistry (Formalin fixed paraffin embedded): 5ug/ml
Related Product Information for anti-BubR1 antibody	This gene encodes a kinase involved in spindle checkpoint function. The kinase functions in part by phosphorylating a member of the miotic checkpoint complex and activating the spindle checkpoint. Mutations in this gene have been associated with aneuploidy and several forms of cancer.
Other Notes	Small volumes of anti-BubR1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for BubR1 purchase	MBS6004238 is an antibody targeting BubR1. Also known as BUB1, NT (Mitotic Checkpoint Serine/Threonine-protein Kinase BUB1, hBub1, BUB1A, BUB1L). Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-BubR1 antibody
Human Small Intestine (formalin-fixed, paraffin-embedded) stained with BUB1 antibody at 5ug/ml followed by biotinylated goat rabbit IgG secondary antibody alkaline phosphatase-streptavidin and chromogen.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BubR1. It may not necessarily be applicable to this product.

NCBI GI #	17137586
NCBI GeneID	35522
NCBI Accession #	NP_477382.1
UniProt Related Accession #	Q9XZ59
GenBank Nucleotide #	NM_058034.4
NCBI Official Full Name	Bub1-related kinase
NCBI Official Synonym Full Names	Bub1-related kinase
NCBI Official Symbol	BubR1
NCBI Official Synonym Symbols	31/13; BcDNA:LD23835; bub1; Bub1; BUB1; bubr1; bubR1; BUBR1; CG 7838; CG7838; dBUB1; Dmbub1; DmBUB1; DmelCG7838; l(2)k03113; l(2)k06109; mcl(2)Z1525
Protein Family	Mitotic spindle checkpoint protein
NCBI Protein Information	CG7838 gene product from transcript CG7838-RA; Bub1; Bub1-related kinase; BubR1-PA; CG7838-PA; bub related one; mcl(2)Z1525
Research Articles on BubR1	**1.** a model in which Polo controls Mps1-dependent BubR1 phosphorylation to promote Cdc20 kinetochore recruitment and sustained SAC function.
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