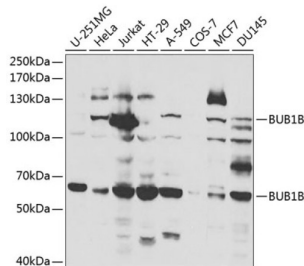
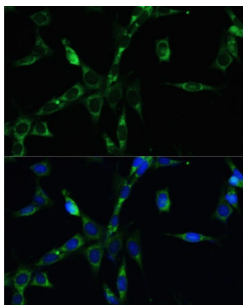


# Mitotic Checkpoint Serine/Threonine-Protein Kinase BUB1 Beta (BUB1B) Antibody

Catalogue No.: abx001472



Western blot analysis of extracts of various cell lines using BUB1B Antibody (1/1000 dilution).



Immunofluorescence analysis of NIH-3T3 cells using BUB1B Antibody (1/100 dilution). Blue: DAPI for nuclear staining.

BUB1B Antibody is a Rabbit Polyclonal antibody against BUB1B. This gene encodes a kinase involved in spindle checkpoint function. The protein has been localized to the kinetochore and plays a role in the inhibition of the anaphase-promoting complex/cyclosome (APC/C), delaying the onset of anaphase and ensuring proper chromosome segregation. Impaired spindle checkpoint function has been found in many forms of cancer.

<b>Target:</b>	Mitotic Checkpoint Serine/Threonine-Protein Kinase BUB1 Beta (BUB1B)
<b>Clonality:</b>	Polyclonal
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Tested Applications:</b>	WB, IF/ICC
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	Recombinant fusion protein corresponding to human BUB1B
<b>Isotype:</b>	IgG

# Datasheet

Version: 4.0.0  
Revision date: 24 Jun 2025



Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O60566 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
Gene Symbol:	BUB1B
GeneID:	<a href="#">701</a>
OMIM:	<a href="#">176430</a>
NCBI Accession:	NP_001202.4
HGNC:	1149
KEGG:	hsa:701
Ensembl:	ENSG00000156970
String:	<a href="#">9606.ENSP00000287598</a>
Enzyme Commission Number:	EC 2.7.11.1
Molecular Weight:	Calculated MW: 105 kDa/119 kDa/121 kDa Observed MW: 55 kDa/120 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.