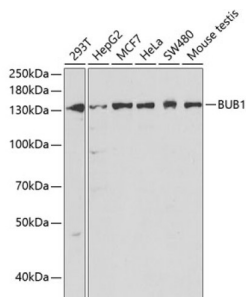


Mitotic Checkpoint Serine/Threonine-Protein Kinase BUB1 (BUB1) Antibody

Catalogue No.: abx001575



Western blot analysis of various lysates using BUB1 Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.

BUB1 Antibody is a Rabbit Polyclonal antibody against BUB1. This gene encodes a Serine/Threonine-protein kinase that play a central role in mitosis. The encoded protein functions in part by phosphorylating members of the mitotic checkpoint complex and activating the spindle checkpoint. This protein also plays a role in inhibiting the activation of the anaphase promoting complex/cyclosome. This protein may also function in the DNA damage response. Mutations in this gene have been associated with aneuploidy and several forms of cancer. Alternate splicing results in multiple transcript variants.

Target:	Mitotic Checkpoint Serine/Threonine-Protein Kinase BUB1 (BUB1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant protein corresponding to BUB1. The exact sequence is proprietary.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O43683 (UniProt , ExPASy)

Datasheet

Version: 4.0.0
Revision date: 28 Jul 2025



Gene Symbol: BUB1

GeneID: [699](#)

OMIM: [602452](#)

NCBI Accession: NP_004327.1

HGNC: 1148

KEGG: hsa:699

Ensembl: ENSG00000169679

String: [9606.ENSP00000302530](#)

Molecular Weight: Calculated MW: 122 kDa
Observed MW: 133 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: > 0.2 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.