

Datasheet for ABIN7265958
anti-BUB1 antibody (AA 1-300)



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Overview

Quantity:	100 µL
Target:	BUB1
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	[KO Validated] BUB1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human BUB1 (NP_004327.1).
Sequence:	MDTPENVLQM LEAHMQSYKG NDPLGEWERY IQWVEENFPE NKEYLITLLE HLMKEFLDKK KYHNDPRFIS YCLKFAEYNS DLHQFFEFLY NHGIGTLSSP LYIAWAGHLE AQGELQHASA VLQRGIQNQA EPREFLQQQY RLFQTRLTET HLPQAQTSE PLHNVQVLNQ MITSKSNPGN NMACISKNQG SELSGVISSA CDKESNMERR VITISKSEYS VHSSLASKVD VEQVVMYCKE KLIRGESEFS FEELRAQKYN QRRKHEQWVN EDRHYMKRKE ANAFEEQLLK QKMDELHKKL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Product Details

Grade: KO Validated

Target Details

Target: BUB1

Alternative Name: BUB1 ([BUB1 Products](#))

Background: 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.,BUB1,BUB1A,BUB1L,hBUB1,Cancer,Signal Transduction,Kinase,MAPK-Erk Signaling Pathway,Cell Biology & Developmental Biology,Cell Cycle,Centromere,BUB1

Molecular Weight: 115kDa/120kDa/122kDa

Gene ID: 699

UniProt: [O43683](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

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

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.