

DNAxPAb

Hard-to-Find
Antibody

BUB1B DNAxPab

Catalog # H00000701-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human BUB1B DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MAAVKKEGGALSEAMSLEGDEWELSKENVQPLRQGRIMSTLQGALAQESACNNTLQQQKRAFE
YEIRFYTGNDPLDVWDYISWTEQNYPPQGGKESNMSTLLERAVEALQGEKRYSDPRFLNLWLKL
GRLCNEPLDMYSYLNQGGIGVSLAQFYISWAEYEARENFRKADAIFQEGIQQKAEPLERLQSQHR
QFQARVSRQTLLALEKEEEEEVFESSVPQRSTLAELKSKGKKTARAPIIRVGGALKAPSQNRGLQ
NPFPPQQMQNNSRITVFDENADEASTAELSKPTVQPWIAPPMPRAKENELQAGPWNTGRSLEHR
PRGNTASLIAPPAVLPSFTPYVEETAQQPVMTCPKIEPSINHILSTRKPGKEEGDSLQRVQSHQQA
SEEKKEKMMYCKEIKYAGVGEFSFEEIRAIEVFRKKLKEQREALLTSAEKRAEMQKQIEEMEKKL
KEIQTQQTERTGDQQEETMPTKETTKLQIASESQKIPGMTLSSSVCQVNCCARETSLAENWQEQ
PHSKGPSVPFSIFDEFLLSEKKNKSPPADPPRVLQRRPLAVLKTSESITSNEDVSPDVCDEFTGI
EPLSEDAITGFRNVTICPNPEDTCDFARAARFVSTPFHEIMSLKDLPSDPERLLPEEDLDVKTSED
QQTACGTYSQTLSEKLSPIIEDSREATHSSGFSGSSASVASTSSIKCLQIPEKLELTNETSENPTQ
SPWCSQYRRQLLKSPELSASAELCIEDRPMKLEIEKIELGNEDYCIKREYLICEDYKLFVWVAPR
NSAELTVIKVSSQPVWDFYNLKLKERLNEDFDHFCSCYQYQDGCIVWHQYINCFTLQDLLQHSE
YTHEITVLIYNLLTVEMLHKAIEVHGDLSPRCLILRNRIHDPYDCNKNQALKIVDFSYSDLRVQLD
VFTLSGFRTVQILEGQKILANCSSPYQVDLFGIADLAHLLLFKEHLQVFWDGFSFWKLSQNISELKD
GELWNKFFVRILNANDEATVSVLGELAAEMNGVFDTTFQSHLNKALWKVGKLTSPGALLFQ

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — BUB1B

Entrez GeneID	701
GeneBank Accession#	BC018739.1
Protein Accession#	AAH18739.1
Gene Name	BUB1B
Gene Alias	BUB1beta, BUBR1, Bub1A, MAD3L, SSK1, hBUBR1
Gene Description	budding uninhibited by benzimidazoles 1 homolog beta (yeast)
Omim ID	114500 602860
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	BUB1 budding uninhibited by benzimidazoles 1 homolog beta MAD3/BUB1-related protein kinase budding uninhibited by benzimidazoles 1, beta

Pathway

- [Cell cycle](#)

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)