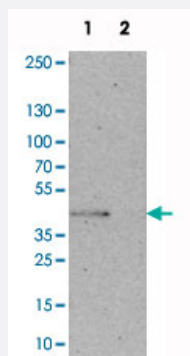


BUB3 polyclonal antibody

Catalog # PAB20227 Size 100 uL

Applications

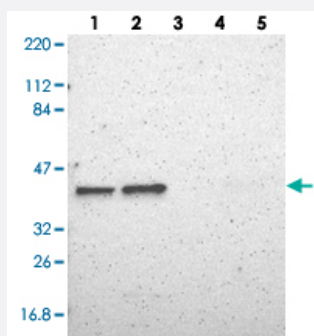


Western Blot (Cell lysate)

Western blot analysis of cell lysates with BUB3 polyclonal antibody (Cat # PAB20227) at 1:250-1:500 dilution.

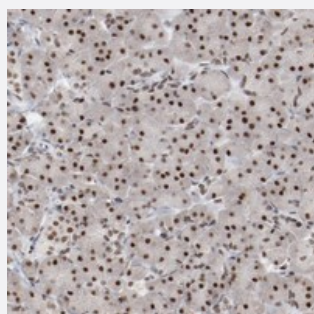
Lane 1 : NIH/3T3

Lane 2 : NBT-II



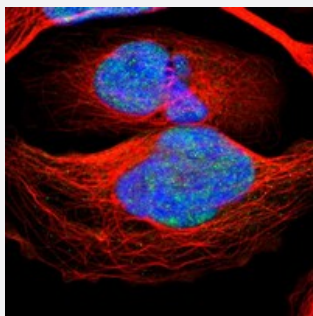
Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Liver, Lane 4: Tonsil with BUB3 polyclonal antibody (Cat # PAB20227) at 1:250-1:500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human pancreas with BUB3 polyclonal antibody (Cat # PAB20227) shows strong nuclear positivity in exocrine glandular cells at 1:50-1:200 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with BUB3 polyclonal antibody (Cat # PAB20227) at 1-4 ug/mL dilution shows positivity in nuclei but not nucleoli.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant BUB3.
Immunogen	Recombinant protein corresponding to amino acids of human BUB3.
Sequence	YQTRCIRAFPNKQGYVLSSIEGRVAVEYLDPSPEVQKKKYAFKCHRLKENNIEQMPVNAISFHNIHN TFATGGSDGFVNWDPFNKKRLCQFHRYPTSIASLAFSNDGTTLAIASSYMYEMDDTEHPEDGIFIR QVTD AETKPKSP
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:250-1:500) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of cell lysates with BUB3 polyclonal antibody (Cat # PAB20227) at 1:250-1:500 dilution.

Lane 1 : NIH/3T3

Lane 2 : NBT-II

- Western Blot

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Gene Info — BUB3

Entrez GeneID	9184
Protein Accession#	O43684
Gene Name	BUB3
Gene Alias	BUB3L, hBUB3
Gene Description	budding uninhibited by benzimidazoles 3 homolog (yeast)
Omim ID	603719
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein involved in spindle checkpoint function. The encoded protein contains four WD repeat domains and has sequence similarity with the yeast BUB3 protein. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]
Other Designations	BUB3 budding uninhibited by benzimidazoles 3 homolog OTTHUMP00000020679 OTTHUMP0000020680 budding uninhibited by benomyl budding uninhibited by benzimidazoles 3 mitotic checkpoint component

Pathway

- [Cell cycle](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)