

Datasheet

BUB3 polyclonal antibody

Catalog Number: PAB12997

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of BUB3.

Immunogen: A synthetic peptide corresponding to C-terminus 16 amino acids of human BUB3.

Host: Rabbit

Reactivity: Human, Mouse

Applications: ICC, WB-Ce

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Recommend Usage: Western Blot (0.5 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.02% sodium azide)

Storage Instruction: Store at 4°C for three months. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 9184

Gene Symbol: BUB3

Gene Alias: BUB3L, hBUB3

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]

References:

1. Bub3 gene disruption in mice reveals essential mitotic spindle checkpoint function during early embryogenesis. Kalitsis P, Earle E, Fowler KJ, Choo KH. Genes Dev. 2000 Sep 15;14(18):2277-82.
2. The human homologue of Bub3 is required for kinetochore localization of Bub1 and a Mad3/Bub1-related protein kinase. Taylor SS, Ha E, McKeon F. J Cell Biol. 1998 Jul 13;142(1):1-11.
3. The *Saccharomyces cerevisiae* checkpoint gene BUB1 encodes a novel protein kinase. Roberts BT, Farr KA, Hoyt MA. Mol Cell Biol. 1994 Dec;14(12):8282-91.