

Datasheet for ABIN7160076  
**anti-BUB3 antibody (AA 6-217)**

## 3 Images

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## Overview

Quantity:	100 µg
Target:	BUB3
Binding Specificity:	AA 6-217
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BUB3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human Mitotic checkpoint protein BUB3 protein (6-217AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

## Target Details

Target:	BUB3
Alternative Name:	BUB3 ( <a href="#">BUB3 Products</a> )
Background:	Background: Has a dual function in spindle-assembly checkpoint signaling and in promoting the establishment of correct kinetochore-microtubule (K-MT) attachments. Promotes the formation

## Target Details

of stable end-on bipolar attachments. Necessary for kinetochore localization of BUB1. Regulates chromosome segregation during oocyte meiosis. The BUB1/BUB3 complex plays a role in the inhibition of anaphase-promoting complex or cyclosome (APC/C) when spindle-assembly checkpoint is activated and inhibits the ubiquitin ligase activity of APC/C by phosphorylating its activator CDC20. This complex can also phosphorylate MAD1L1. Aliases: Aa2-050 antibody, AU019800 antibody, AU021329 antibody, AU043350 antibody, AW146323 antibody, BUB 3 antibody, BUB 3L antibody, BUB3 (budding uninhibited by benzimidazoles 3, yeast) homolog antibody, bub3 antibody, BUB3 budding uninhibited by benzimidazoles 3 homolog antibody, BUB3 mitotic checkpoint protein antibody, BUB3\_HUMAN antibody, BUB3L antibody, Budding uninhibited by benomyl antibody, Budding uninhibited by benzimidazoles 3 antibody, Budding uninhibited by benzimidazoles 3 homolog (S. cerevisiae) antibody, Budding uninhibited by benzimidazoles 3 homolog (yeast) antibody, Budding uninhibited by benzimidazoles 3 homolog antibody, Budding uninhibited by benzimidazoles 3, S. cerevisiae, homolog of antibody, C78067 antibody, hBUB3 antibody, Mitotic checkpoint component antibody, Mitotic checkpoint protein bub3 antibody, OTTHUMP00000020679 antibody, OTTHUMP00000020680 antibody, WD repeat type I transmembrane protein A72.5 antibody

UniProt: [O43684](#)

Pathways: [Maintenance of Protein Location](#)

## Application Details

Application Notes: Recommended dilution: WB:1:2000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

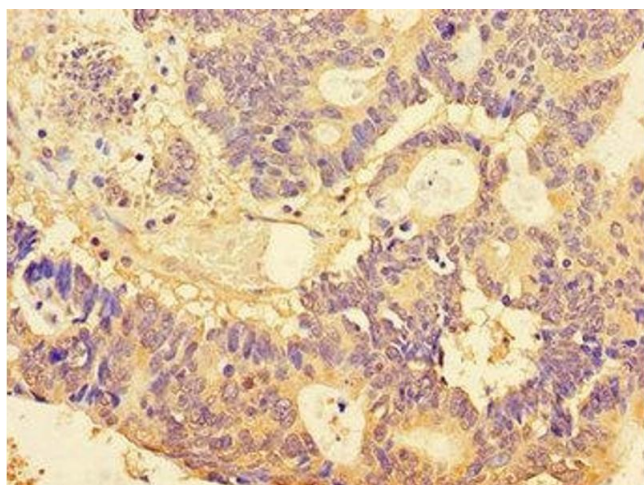
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

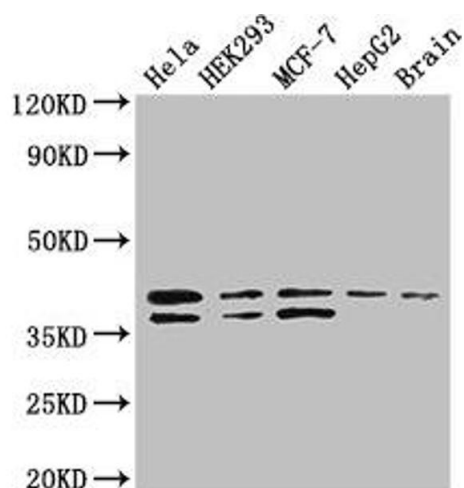
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



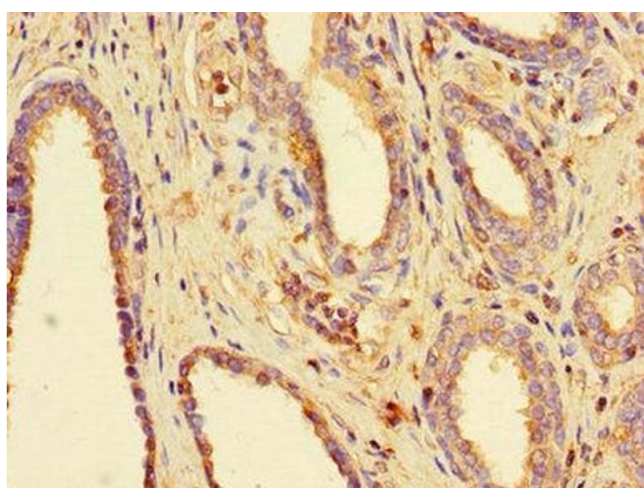
#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7160076 at dilution of 1:100



#### Western Blotting

**Image 2.** Western Blot Positive WB detected in: HeLa whole cell lysate, HEK293 whole cell lysate, MCF-7 whole cell lysate, HepG2 whole cell lysate, Mouse brain tissue All lanes: BUB3 antibody at 3.4 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 38, 37 kDa Observed band size: 38, 37 kDa



#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human prostate cancer using ABIN7160076 at dilution of 1:100