



[Go to Product page](#)

Datasheet for ABIN392627

## anti-BUB1B antibody (N-Term)

### 2 Images

#### Overview

Quantity:	400 µL
Target:	BUB1B
Binding Specificity:	AA 3-33, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	This BUBR1 (BUB1B) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 3-33 amino acids from the N-terminal region of human BUBR1 (BUB1B).
Clone:	RB03121-03122
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

#### Target Details

Target:	BUB1B
Alternative Name:	BUBR1 (BUB1B) ( <a href="#">BUB1B Products</a> )
Background:	BUB1B, a member of the Ser/Thr protein kinase family, is a probable component of the mitotic

## Target Details

---

checkpoint that delays anaphase until all chromosomes are properly attached to the mitotic spindle. It can interact with BUB3, CENP-F, CENP-E and mitosin, and can be localized to nuclear kinetochores. This protein is highly expressed in thymus and spleen. The CD1 domain directs kinetochore localization and binding to BUB3. The protein possesses a cyclin destruction box sequence, which targets protein for rapid degradation by ubiquitin-dependent proteolysis during the transition from mitosis to interphase. Defects in BUB1B are associated with tumor formation.

---

Molecular Weight: 119545

---

Gene ID: 701

---

NCBI Accession: [NP\\_001202](#)

---

UniProt: [O60566](#)

## Application Details

---

Application Notes: WB: 1:1000. IHC-P: 1:50~100

---

Restrictions: For Research Use only

## Handling

---

Format: Liquid

---

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

---

Preservative: Sodium azide

---

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

---

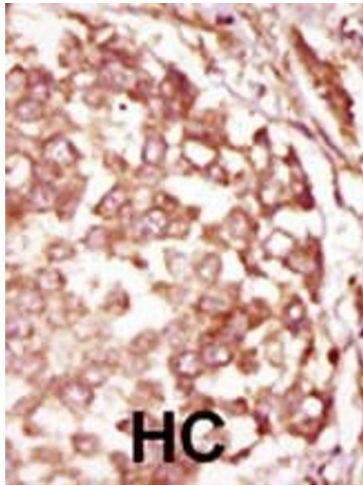
Storage: 4 °C,-20 °C

---

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

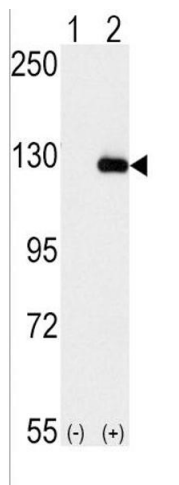
---

Expiry Date: 6 months



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.



### Western Blotting

**Image 2.** Western blot analysis of BUB1B (arrow) using rabbit polyclonal BUB1B Antibody (N-term) (ABIN392627 and ABIN2842137). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the BUB1B gene (Lane 2) (Origene Technologies).