

## **Human Bub1 Antibody**

Antigen Affinity-purified Polyclonal Goat IgG Catalog Number: AF3785

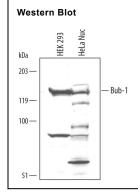
DESCRIPTION	
Species Reactivity	Human
Specificity	Detects human Bub1 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	E. coli-derived recombinant human Bub1 Met1-Ser250 Accession # 043683
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

## APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	1 μg/mL	See Below

## DATA



Detection of Human Bub1 by Western Blot. Western blot shows lysates of HEK293 human embryonic kidney cell line and nuclear extracts of HeLa human cervical epithelial carcinoma cell line. PVDF membrane was probed with 1 µg/mL Goat Anti-Human Bub1 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF3785) followed by HRP-conjugated Anti-Goat IgG Secondary Antibody (Catalog # HAF017). A specific band for Bub1 was detected at approximately 130 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

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**Reconstitution** Reconstitute at 0.2 mg/mL in sterile PBS.

**Shipping**The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

\*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

## BACKGROUND

The Bub1 (Budding uninhibited by benzimidazoles-1) protein is a kinase that acts in the mitotic spindle checkpoint. Bub1 delays chromosome segregation in response to genotoxic stress. Mutations or the absence of Bub1 can lead to aneuploidy and chromosomal instability.

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