

35-1351: Polyclonal Antibody to Bub3 (Phospho-Tyr207)

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human,Mouse,Rat
Gene :	BUB3
Gene ID :	9184
Uniprot ID :	O43684
Format :	Purified
Alternative Name :	Mitotic checkpoint protein BUB3,Hbub3,BUB3L,BUB3 budding uninhibited by benzimidazoles 3 homolog,budding uninhibited by benomyl
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around phosphorylation site of Tyrosine 207 (V-E-Y(p)-L-D) derived from Human Bub3.

Description

Has a dual function in spindle-assembly checkpoint signaling and in promoting the establishment of correct kinetochore-microtubule (K-MT) attachments. Promotes the formation 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.

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blotting: 1:1000

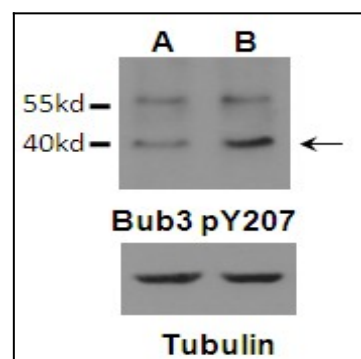


Figure 1: Western blot analysis of Bub3 (Phospho-Tyr207)Antibody 35-1351 (arrow indicated) in U87 (A) and U87 EGFRvIII (B) cells in Mitosis.