AURKB/C (phospho-T236/202) polyclonal antibody

Catalog:	AP0346	Host:	Rabbit	Reactivity:	Human,Mouse,Rat

BackGround:

Aurora kinases belong to a highly conserved family of mitotic serine/threonine kinases with three members identified among mammals: Aurora A, B, and C. Studies on the temporal expression pattern and subcellular localization of Aurora kinases in mitotic cells suggest an association with mitotic structure. Aurora kinase functional influences span from G2 phase to cytokinesis and may be involved in key cell cycle events such as centrosome duplication, chromosome bi-orientation and segregation, cleavage furrow positioning, and ingression.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 35, 39 kDa

Swiss-Prot:

Q96GD4/Q9UQB9

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 102% (by SDS-PAGE).
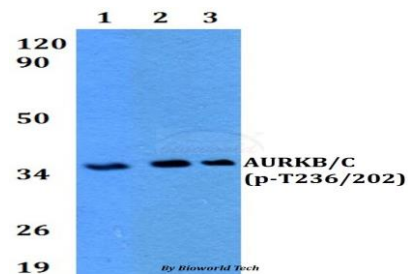
Applications:

WB:1:500~1:1000

Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

p-AURKB/C (T236/202) polyclonal antibody detects endogenous levels of AURKB protein only when phosphorylated at Thr236 and AURKC protein only when phosphorylated at Thr202.

DATA:

Western blot (WB) analysis of p-AURKB/C (T236/202) polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:H9C2 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.