

## AURKB (Y8) polyclonal antibody

Catalog: BS1722

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:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 39 kDa

### Swiss-Prot:

Q96GD4

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

### Storage&Stability:

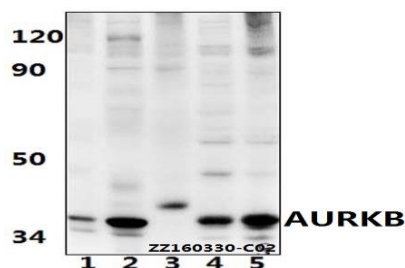
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

AURKB (Y8) polyclonal antibody detects endogenous

levels of AURKB protein

### DATA:



Western blot (WB) analysis of AURKB (Y8) polyclonal antibody at 1:500 dilution

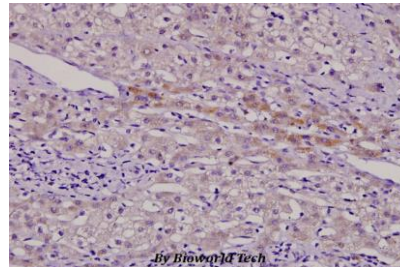
Lane1:HEK293T whole cell lysate(40ug)

Lane2:AML-12 whole cell lysate(40ug)

Lane3:PC12 whole cell lysate(40ug)

Lane4:Jurkat whole cell lysate(40ug)

Lane5:THP-1 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of AURKB (Y8) pAb in paraffin-embedded liver cancer tissue at 1:100.

### Note:

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

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