

## AURKB (L228) polyclonal antibody

Catalog: BS1613

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 0.05% sodium azide, approx. pH 7.2.

### 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

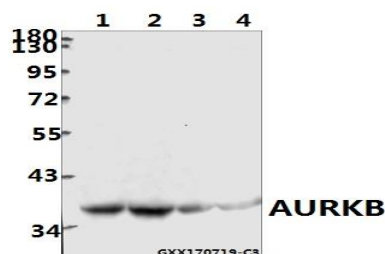
### Storage&Stability:

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

### Specificity:

AURKB (L228) polyclonal antibody detects endogenous levels of AURKB protein.

### DATA:



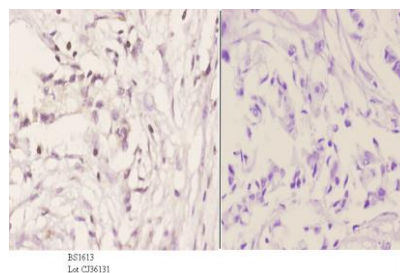
Western blot (WB) analysis of AURKB (L228) pAb at 1:500 dilution

Lane1:MCF-7 whole cell lysate(40ug)

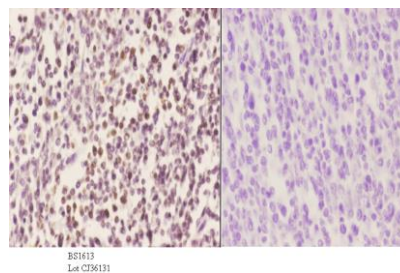
Lane2:HeLa whole cell lysate(40ug)

Lane3:The Lung tissue lysate of Mouse(40ug)

Lane4:C6 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of AURKB (L228) pAb in paraffin-embedded human breast carcinoma tissue at 1:50. showing nucleus staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.



Immunohistochemistry (IHC) analyzes of AURKB (L228) pAb in paraffin-embedded human tonsil carcinoma tissue at 1:50. showing nucleus staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

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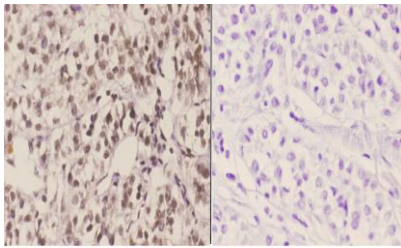
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## PRODUCT DATA SHEET

Bioworld Technology, Inc.



BS1613  
Lot C036131

Immunohistochemistry (IHC) analyzes of AURKB (L228) pAb in paraffin-embedded human liver carcinoma tissue at 1:50, showing nucleus staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

### Note:

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

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