

AURKA (Y338) polyclonal antibody

Catalog: BS1840

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Aurora A plays a role in cell cycle regulation during anaphase and/or telophase, in relation to the function of the centrosome/spindle pole region during chromosome segregation. Aurora A plays a key role during tumor development and progression and is overexpressed in many human cancers including breast, ovarian and colorectal. Aurora A is viewed as a potential target for anticancer drug treatment.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 46 kDa

Swiss-Prot:

O14965

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:

AURKA (Y338) polyclonal antibody detects endogenous levels of AURKA protein.

DATA:



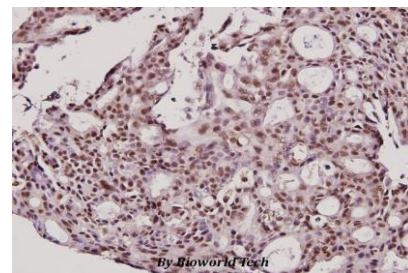
Western blot (WB) analysis of AURKA (Y338) polyclonal antibody at 1:500 dilution

Lane1:HCT116 whole cell lysate(40ug)

Lane2:SK-OVCAR3 whole cell lysate(40ug)

Lane3:PC3 whole cell lysate(40ug)

Lane4:CT26 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of AURKA (Y338) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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