

Aurora A polyclonal antibody

Catalog: BS90112

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Activation of the oncogenic protein kinase Aurora A regulates meiotic and mitotic cell cycles in eukaryotic cells. Specifically, Aurora A plays a key role in G2/M progression. Activation occurs via autophosphorylation, and while 14 sites are subject to this, only the threonine residue at position 295 is required for activity. Though autophosphorylation mediates activation, a number of other proteins influence activation, including the spindle assembly factor TPX2 and p53

Product:

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

Molecular Weight:

46 kDa

Swiss-Prot:

O14965(Human) P97477(Mouse)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:2,000

FC:1:50-1:100

ICC:1:100-1:500

Storage&Stability:

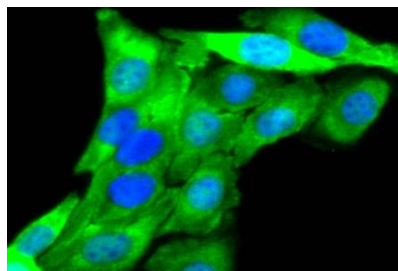
Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

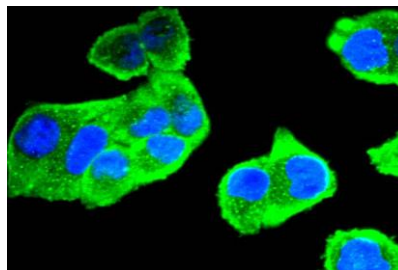
Aurora A polyclonal antibody detects endogenous levels

of Aurora A protein.

DATA:



ICC staining Aurora A in SKOV-3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Aurora A in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

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

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