

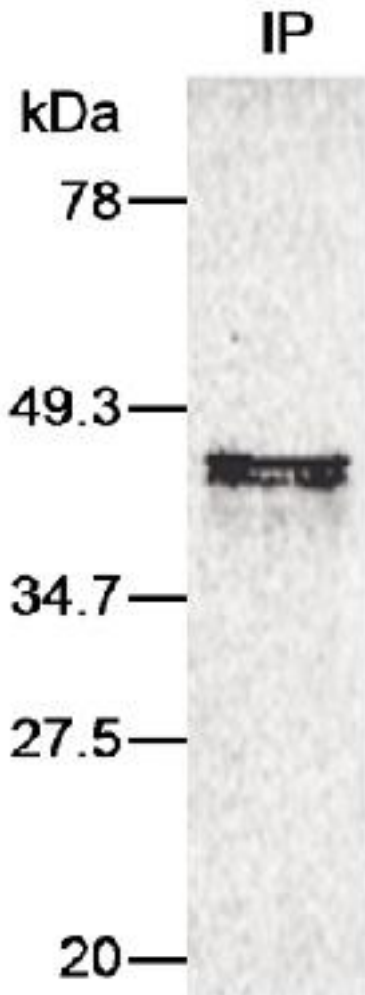
Aurora A Antibody

Rabbit polyclonal antibody to Aurora A

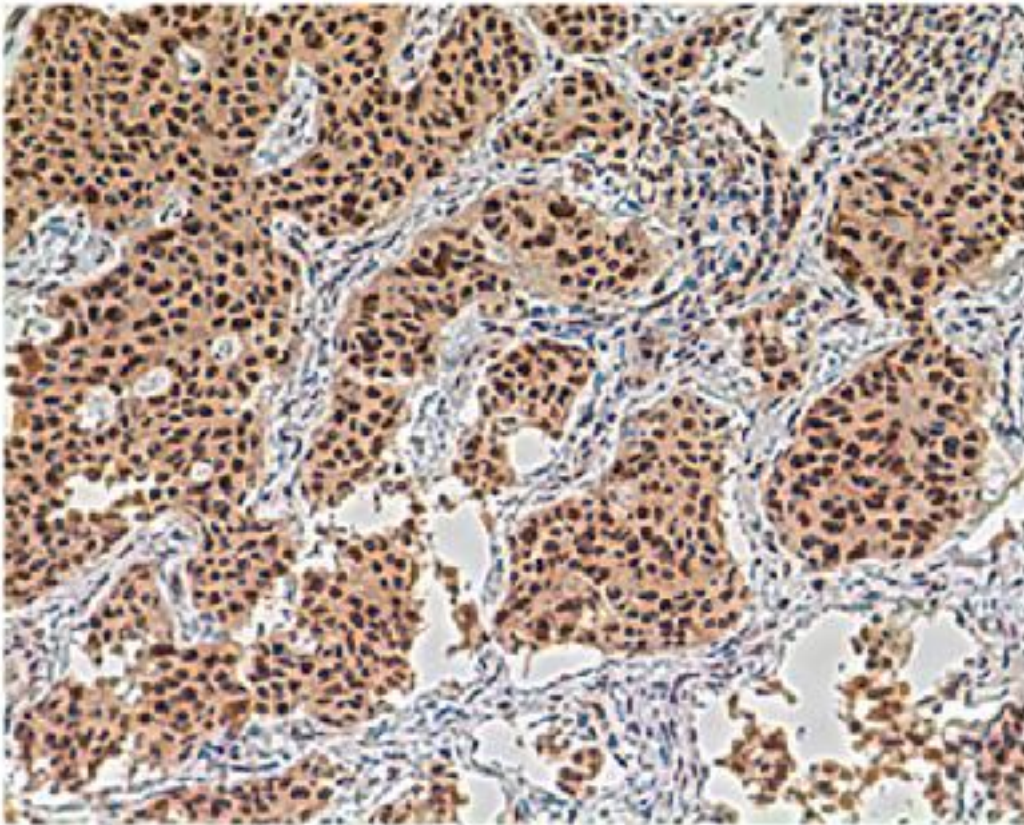
Catalog Number **NB 100-212**

- Background:** Aurora A may play 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. It may be involved in microtubule formation and/or stabilization and may also play a key role during tumor development and progression.
- Alternate Names:** STK15 antibody, Aurora 2 antibody, AIK antibody, BTAK antibody, ARK1 antibody, Aurora-Related Kinase 1 antibody, STK6 antibody, serine threonine Kinase 6 antibody
- Specificity:** This antibody is specific to human Aurora A.
- Immunogen:** Synthetic peptide representing a portion of human Aurora A encoded within exon 5 (LocusLink ID 6790).
- Host:** Rabbit
- Species Reactivity:** NB 100-212 can be used to detect Aurora A in human. The sequence of peptide is divergent from STK15 in other species.
- Uses and Dilutions:** This antibody can be used for immunoprecipitation and immunohistochemistry. Immunocytochemistry has not been tested.
- *Suggested Working Dilutions:
Western blot: Does not perform well (use NB 100-267)
Immunoprecipitation: 15-25 ug/mg of lysate
Immunohistochemistry: 1:250-1:1,000
Immunocytochemistry: ND (see NB 100-267)
- *Optimal working dilutions should be determined experimentally by the investigator.
- Form:** 0.1 ml of affinity purified Aurora A.
- Concentration:** 1 mg/ml
- Storage Buffer:** Tris-citrate/phosphate pH 7-8 containing 0.1% sodium azide.
- Storage:** Store at 4°C.
- Limitations:** This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Image(s)



Immunoprecipitation of human Aurora A. Sample: 35S-Met labeled whole cell lysate from cells transfected with a human Aurora A expression construct. NB 100-634 was used at 4 ug/ml for IP. Detection by autoradiography. Photo courtesy of D.J. Bearss.



Immunohistochemical localization of STK15 (Aurora A) in paraffin-embedded human pancreatic tumor tissue using NB 100-634. Detection by DAB staining.