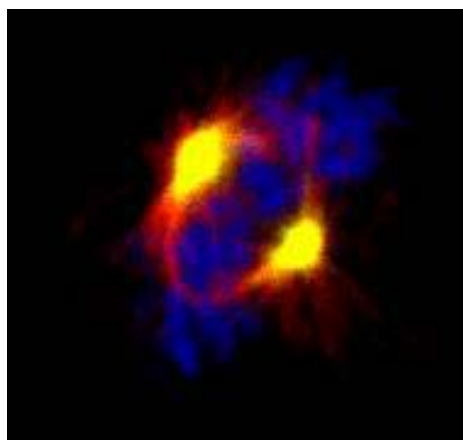


Anti Human Aurora-A Polyclonal Antibody

Aurora-A (Aurora-A/STK-15/Aik) encoding a centrosome-associated kinase, is amplified and overexpressed in many cancer cell types, and is involved in the induction of centrosome duplication-distribution abnormalities and aneuploidy in mammalian cells. So that, Aurora-A is a potential oncogene. Aurora family have been identified three types (Aurora-A, B, C) which has high homology domain in C terminal region. Aurora family is indispensable kinase that regulate the structure and function of centrosomes and spindle. Aurora-A could be one of targeting molecule of anti-cancer therapy.

This antibody was established from the purified serum of the immunized rabbit with N terminal region of Aurora-A and did not show any cross- reactivity to Aurora-B and Aurora-C. This antibody is useful for western blotting and immunohistochemistry.

Package Size	25 μ g (100 μ L/vial)
Format	Rabbit polyclonal antibody 0.25mg/mL
Buffer	Block Ace as a stabilizer, containing 0.1% Proclin as a bacteriostat
Storage	Below -20° C until needed.
Purification method	This antibody was purified from rabbit serum by affinity chromatography.
Working dilution	For western blotting ; 0.5 ~ 2 μ g/mL For Immunohistochemistry ; 1 ~ 2 μ g/mL



green : Aurora-A

blue : DNA

Immunocytochemistry

Sample : HeLa Cell

Preparation of antibodies and instruction

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Anti Human Aurora-A Polyclonal Antibody

[Reference]

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4. Lim Shen Kiat, et al.: J Biol Chem 2002 Mar 22;277(12):10719-10726
5. Goepfert TM, et al.: Cancer Res 2002 Jul 15;62(14):4115-22

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