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.

**Anti Human Aurora-A Polyclonal Antibody**

- Package Size: 25 µg (100 µL/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 µg/mL
  - For Immunohistochemistry: 1–2 µg/mL

**Immunocytochemistry**
Sample: HeLa Cell

Preparation of antibodies and instruction
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Reference