

Aurora A Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251910

Unit: 0.1 mg

Description:

Aurora A (Serine/threonine-protein kinase 6) contributes to the regulation of cell cycle progression and is required for normal mitosis. Aurora A associates with the centrosome and the spindle microtubules during mitosis and functions in centrosome maturation, spindle assembly, maintenance of spindle bipolarity, centrosome separation and mitotic checkpoint control. It phosphorylates numerous target proteins, including ARHGEF2, BRCA1, KIF2A, NDEL1, PARD3, PLK1 and BORA. Aurora A plays a role in microtubule remodeling during neurite extension, and is important for microtubule formation and/or stabilization.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H

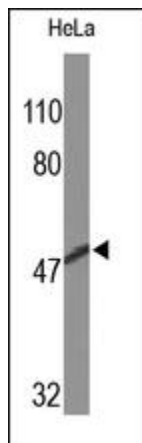
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.2% BSA with 0.09% sodium azide. Antibody was purified by immunogen-affinity chromatography.

Alternate Names: Aurora A; Serine/threonine-protein kinase 6; Aurora kinase A; Serine/threonine-protein kinase Aurora-A; Serine/threonine-protein kinase 15; Aurora/IPL1-related kinase 1; Aurora-related kinase 1; ARK-1; hARK1; Breast tumor-amplified kinase; AURKA; AIK; ARK1; AURA; BTAK; STK15; STK6

Accession No.: O14965

Antigen: KLH-conjugated synthetic peptide from human Aurora A.

Application Notes: E: 1:1,000-1:40,000; WB: 1:200-1:500



The Aurora A Antibody is used in Western blot to detect aurora A in HeLa cell lysates.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.