

Product Name: Aurora B Rabbit Polyclonal Antibody**Catalog #: APRab01314**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 39 kDa; Observed MW: 39 kDa

Antigen Information

Gene Name	AURKB
Alternative Names	AURKB; AIK2; AIM1; AIRK2; ARK2; STK1; STK12; STK5; Aurora kinase B; Aurora 1; Aurora- and IPL1-like midbody-associated protein 1; AIM-1; Aurora/IPL1-related kinase 2; ARK-2; Aurora-related kinase 2; STK-1; Serine/threonine-protein kinase 12
Gene ID	9212
SwissProt ID	Q96GD4
Immunogen	A synthetic peptide of human Aurora B

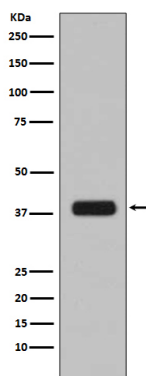
Background

May be directly involved in regulating the cleavage of polar spindle microtubules and is a key regulator for the onset of cytokinesis during mitosis. Component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly.

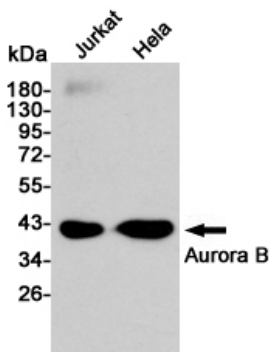
Research Area

Cell Biology

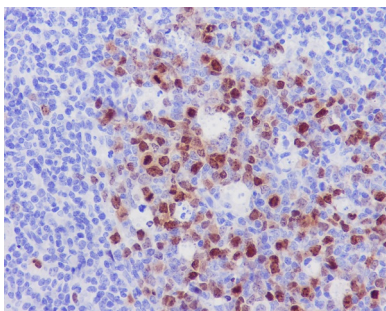
Image Data



Western blot analysis of Aurora B in HeLa lysates using Aurora B antibody.



Western blot analysis of Aurora B in Jurkat and HeLa lysates using Aurora B antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil, using Aurora B antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.