

Product datasheet for **TA383789M**

Aurora B (AURKB) Rabbit Polyclonal Antibody

Product data:

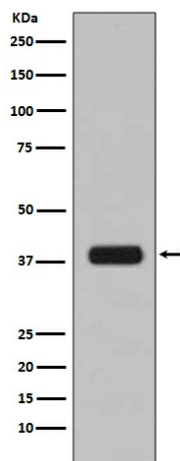
Product Type:	Primary Antibodies
Applications:	IF, IHC, IP, WB
Recommended Dilution:	WB: 1/1000-1/2000 IHC: 1/50-1/200 ICC/IF: 1/50-1/200 IP: 1/50
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthesized peptide derived from human Aurora B
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	39kDa
Gene Name:	aurora kinase B
Database Link:	Entrez Gene 9212 Human Q96GD4
Background:	Swiss-Prot Acc.Q96GD4.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.



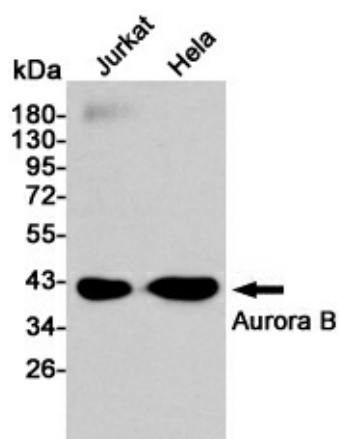
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Synonyms: AIK2; AIM-1; AIM1; ARK2; AurB; aurkb-sv1; aurkb-sv2; aurora-1; aurora-B; IPL1; STK-1; STK5; STK12

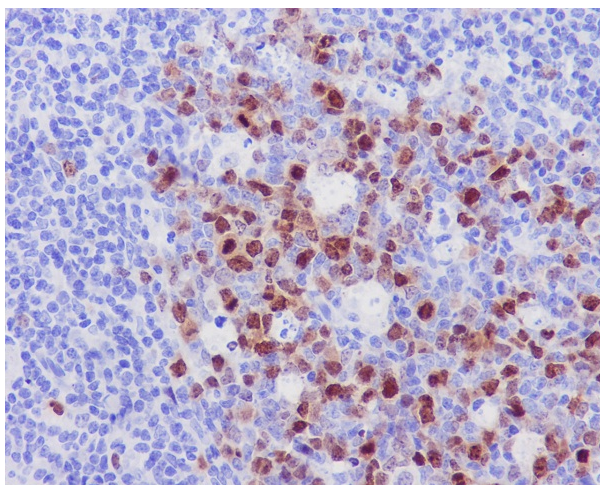
Product images:



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.