

Aurora A (PT0150R) PT® Rabbit mAb

Catalog No :	YM8087
Reactivity :	Human;
Applications :	WB;IHC;IF;IP;ELISA
Target :	Aurora A
Fields :	>>Oocyte meiosis;>>Progesterone-mediated oocyte maturation
Gene Name :	AURKA AIK AIRK1 ARK1 AURA AYK1 BTAK IAK1 STK15 STK6
Protein Name :	Aurora A
Human Gene Id :	6790
Human Swiss Prot No :	O14965
Mouse Gene Id :	20878
Mouse Swiss Prot No :	P97477
Rat Swiss Prot No :	P59241
Specificity :	endogenous
Formulation :	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source :	Monoclonal, rabbit, IgG, Kappa
Dilution :	IHC 1:200-1000,WB 1:1000-5000,IF 1:200-1000,ELISA 1:5000-20000,IP 1:50-200
Purification :	Protein A
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 45kD

Observed Band : 45kD

Background :

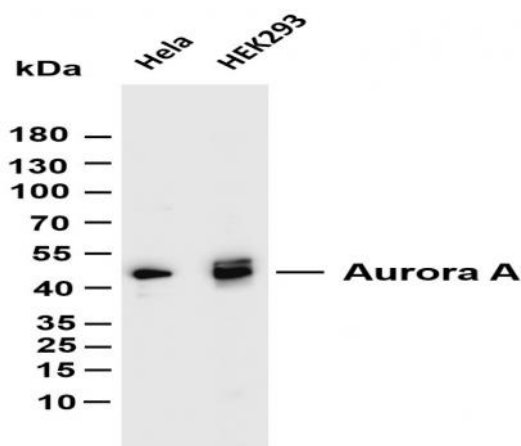
Aurora A(AURKA) Homo sapiens The protein encoded by this gene is a cell cycle-regulated kinase that appears to be involved in microtubule formation and/or stabilization at the spindle pole during chromosome segregation. The encoded protein is found at the centrosome in interphase cells and at the spindle poles in mitosis. This gene may play a role in tumor development and progression. A processed pseudogene of this gene has been found on chromosome 1, and an unprocessed pseudogene has been found on chromosome 10. Multiple transcript variants encoding the same protein have been found for this gene.

Subcellular Location :Membranous

Expression :

Highly expressed in testis and weakly in skeletal muscle, thymus and spleen. Also highly expressed in colon, ovarian, prostate, neuroblastoma, breast and cervical cancer cell lines.

Products Images



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Aurora A (PT0150R) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: Mouse brain Lane 3: Rat brain Predicted band size: 45kDa Observed band size: 45kDa