

Product datasheet for **TA371224**

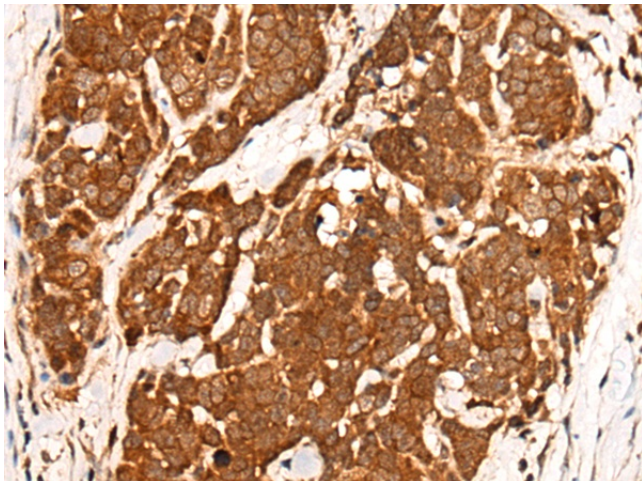
Aurora A (AURKA) Rabbit Polyclonal Antibody

Product data:

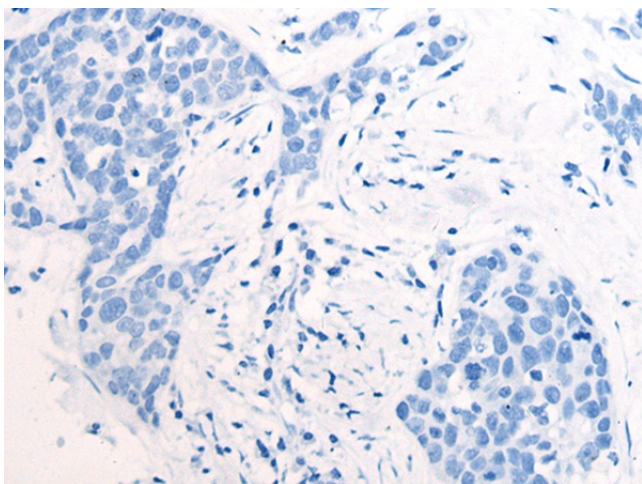
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human AURKA
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	aurora kinase A
Database Link:	Entrez Gene 6790 Human O14965
Background:	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.
Synonyms:	AIK; ARK1; AURA; Aurora-A; AURORA2; BTAK; hARK1; MGC34538; OTTHUMP00000031344; OTTHUMP00000166071; STK6; STK7; STK15



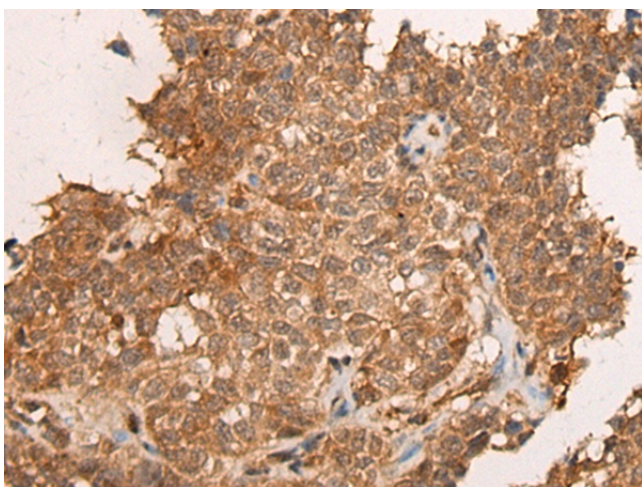
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Product images:

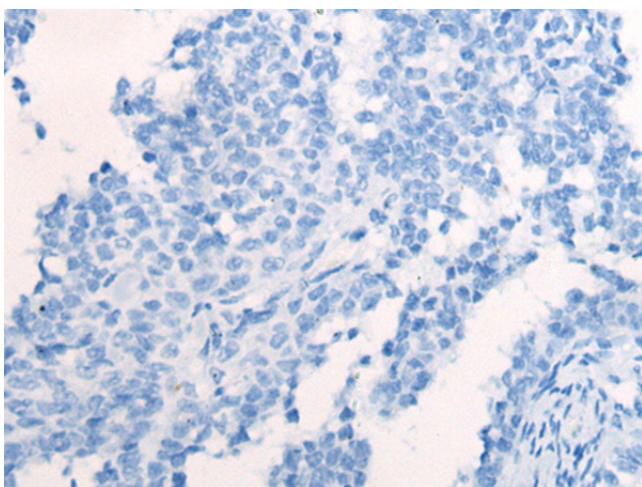
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA371224 (AURKA Antibody) at dilution 1/30 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA371224 (AURKA Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA371224 (AURKA Antibody) at dilution 1/30 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA371224 (AURKA Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: $\times 200$)