

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Aurora A in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human Aurora A Met1-Glu131 Accession # O14965
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Aurora A is a serine/threonine kinase that regulates chromosome segregation and cytokinesis during mitosis. Its kinase activity is thought to regulate the G₂ to M transition of the cell cycle by phosphorylating BRCA1. Aberrant expression and activity of Aurora A in tumors, including breast, ovarian, gastric and colorectal cancer, suggests that it plays a role in tumor development and progression.

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