

Aurora B (phospho Thr232) antibody

Cat. No. GTX85607

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, Dot, ELISA, Multiplexing
Reactivity	Human, Monkey

Reference (2)
Package
50 µg

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:250-1:2000
ICC/IF	Assay dependent
IHC-P	Assay dependent
Dot	Assay dependent
ELISA	1:10000-1:30000
Multiplexing	Assay dependent

Not tested in other applications.

Calculated MW 39 kDa. ([Note](#))

Product Note Reactivity occurs against human Aurora Kinase B pT232 protein and the antibody is specific for the phosphorylated form of the protein. Reactivity with non-phosphorylated human Aurora Kinase B is minimal by ELISA.

PROPERTIES

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.87 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to an internal region surrounding T232 of Human Aurora Kinase B protein.
Purification	Purified by antigen-affinity chromatography. From serum



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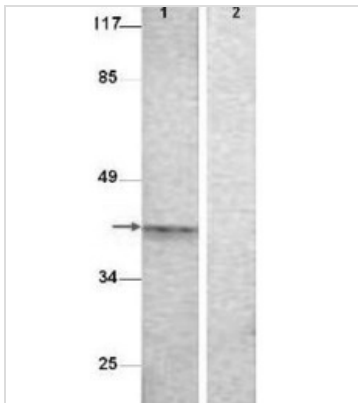
Conjugation

Unconjugated

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

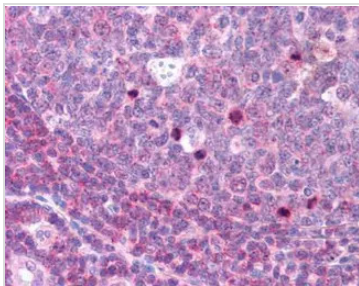
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DATA IMAGES

GTx85607 WB Image

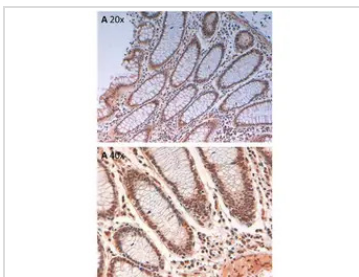
Western Blot shows detection of Aurora B protein at 39 kD (predicted band size). All lanes: Aurora B (phospho T232) antibody diluted 1:500.

Lane 1: Extract from COS7 cells treated with Nocodazole (1 ug/ml, 16 hrs)

Lane 2: Extract from COS7 cells treated with Nocodazole (1 ug/ml, 16 hrs) and with the phosphopeptide immunogen


GTx85607 IHC-P Image

Human Tonsil (formalin-fixed, paraffin-embedded) stained with AURKB antibody (GTx85607) at 2.5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody LS-D1, alkaline phosphatase-streptavidin and chromogen.


GTx85607 IHC-P Image

IHC-P analysis of human intestine tissue (pH 9) using GTx85607 Aurora B (phospho Thr232) antibody.

Antigen retrieval : not performed.

Dilution : 10 µg/mL



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