

## Aurora B (phospho Thr232) antibody

Cat. No. GTX85607

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

References ( 3 )

Package

50 µg

## Applications

## 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



For full product information, images and publications, please visit our [website](#).

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## Conjugation

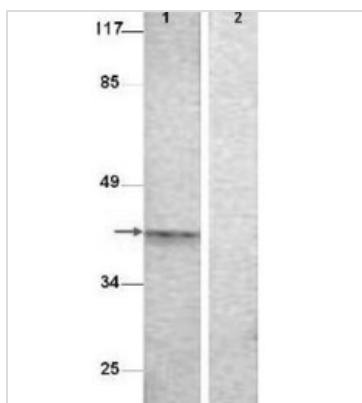
Unconjugated

## Note

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

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

## DATA IMAGES

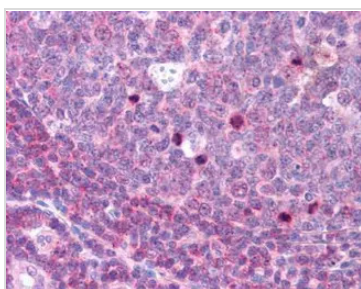


### GTx85607 WB Image

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

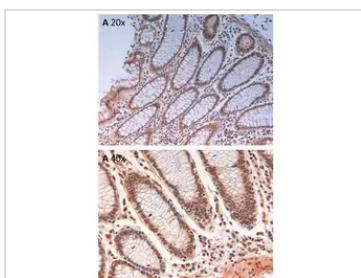
Lane 1: Extract from COS7 cells treated with Nocodazole (1 ug/ml, 16 hrs)

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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