

## Aurora B (phospho Thr232) antibody

**Cat. No. GTX85607**

|                     |   |
|---------------------|---|
| <b>Host</b>         | Rabbit                                      |
| <b>Clonality</b>    | Polyclonal                                  |
| <b>Isotype</b>      | IgG   |
| <b>Applications</b> | WB, ICC/IF, IHC-P, Dot, ELISA, Multiplexing |
| <b>Reactivity</b>   | 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

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | 20mM Potassium Phosphate, 150mM NaCl   |
| <b>Preservative</b>  | 0.01% Sodium azide   |
| <b>Storage</b>       | 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. |
| <b>Concentration</b> | 0.87 mg/ml (Please refer to the vial label for the specific concentration.)  |
| <b>Immunogen</b>     | Synthetic peptide corresponding to an internal region surrounding T232 of Human Aurora Kinase B protein.   |
| <b>Purification</b>  | Purified by antigen-affinity chromatography.<br>From serum   |



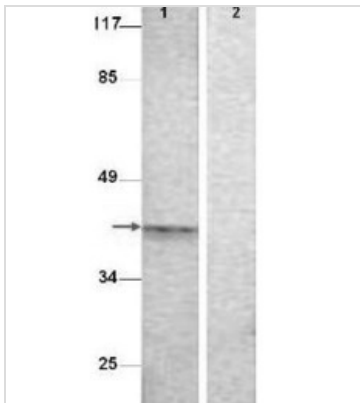
For full product information, images and publications, please visit our [website](#).

**Conjugation** Unconjugated

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

**Note** 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

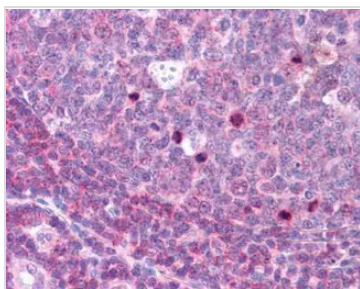


**GTX85607 WB Image**

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

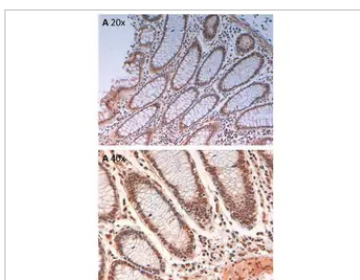
Lane 1: Extract from COS7 cells treated with Nocodazole (1 ug/ml, 16 hrs)

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



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