

# IP6K1 antibody

**Cat. No. GTX103949**

|                    |                       |
|--------------------|-----------------------|
| <b>Host</b>        | Rabbit                |
| <b>Clonality</b>   | Polyclonal            |
| <b>Isotype</b>     | IgG                   |
| <b>Application</b> | WB, ICC/IF, IHC-P, IP |
| <b>Reactivity</b>  | Human, Mouse          |

Reference ( 8 )  
 Package  
 100 µl, 25 µl

## APPLICATION

### Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500-1:10000        |
| ICC/IF             | 1:100-1:1000         |
| IHC-P              | 1:100-1:1000         |
| IP                 | Assay dependent      |

Not tested in other applications.

**Calculated MW** 50 kDa. ( [Note](#) )

**Product Note** Knockdown/Knockout validation was supported by references (PMID:27701146)

## PROPERTIES

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | PBS, 1% BSA, 20% Glycerol  |
| <b>Preservative</b>  | 0.025% ProClin 300   |
| <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> | 0.22 mg/ml (Please refer to the vial label for the specific concentration.)  |
| <b>Immunogen</b>     | Recombinant protein encompassing a sequence within the center region of human IP6K1. The exact sequence is proprietary.  |
| <b>Purification</b>  | Affinity purified by Protein A.  |
| <b>Conjugation</b>   | Unconjugated   |

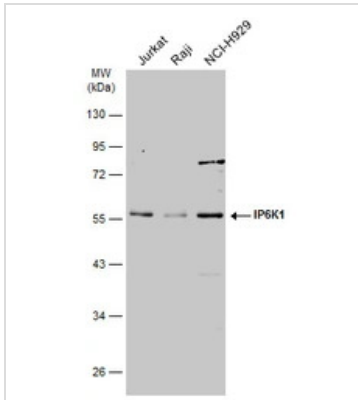


For full product information, images and publications, please visit our [website](#).

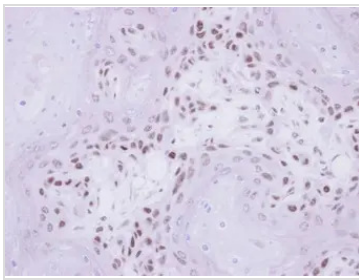
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**Note**

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.

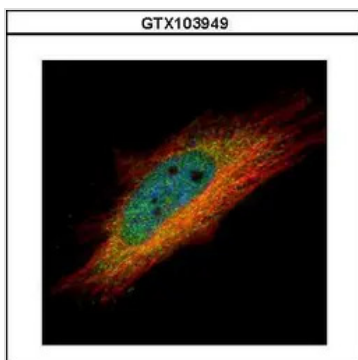
**DATA IMAGES**

**GTx103949 WB Image**

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with IP6K1 antibody (GTx103949) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


**GTx103949 IHC-P Image**

Immunohistochemical analysis of paraffin-embedded Ca922 Xenograft, using IP6K1 (GTx103949) antibody at 1:500 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min


**GTx103949 ICC/IF Image**

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using IP6K1 (GTx103949) antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with GTx11304 (Red) at 1:2000.



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