

IP6K3 Polyclonal Antibody

catalog number: E-AB-52013

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

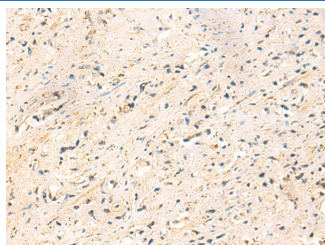
| | |
|---------------------|--|
| Reactivity | Human |
| Immunogen | Synthetic peptide of human IP6K3 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Antigen affinity purification |
| Conjugation | Unconjugated |
| Buffer | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

Applications

Recommended Dilution

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| IHC | 1:40-1:200 |
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Data



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using IP6K3 Polyclonal Antibody at dilution of 1:50(×200)

Preparation & Storage

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| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

Background

This gene encodes a protein that belongs to the inositol phosphokinase (IPK) family. This protein is likely responsible for the conversion of inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). It may also convert 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4. Alternative splicing results in multiple transcript variants encoding the same protein. IP6K3 (Inositol Hexakisphosphate Kinase 3) is a Protein Coding gene. Among its related pathways are Farnesoid X Receptor Pathway and Inositol phosphate metabolism (REACTOME). GO annotations related to this gene include inositol-1,4,5-trisphosphate 3-kinase activity and inositol hexakisphosphate 1-kinase activity. An important paralog of this gene is IP6K1.

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