

IP6K3 Polyclonal Antibody

Catalog No. E-AB-18106

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

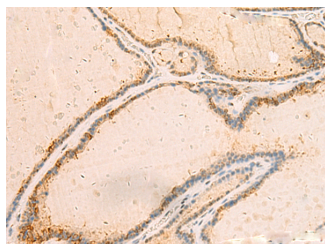
Description

Reactivity	Human
Immunogen	Synthetic peptide of human IP6K3
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

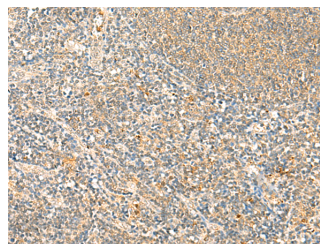
Applications Recommended Dilution

IHC	1:50-1:300
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Data



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



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

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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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