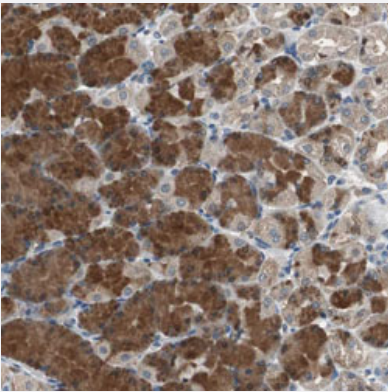


PI4KB polyclonal antibody

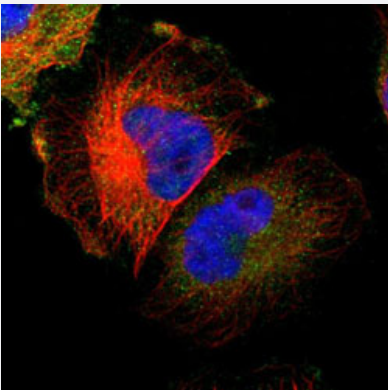
Catalog # PAB30757 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human stomach with PI4KB polyclonal antibody (Cat # PAB30757) shows strong cytoplasmic positivity in glandular cells.



Immunofluorescence

Immunofluorescent staining of U-251 MG with PI4KB polyclonal antibody (Cat # PAB30757) (Green) shows positivity in cytoplasm.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human PI4KB.
Immunogen	Recombinant protein corresponding to human PI4KB.
Sequence	TPTAFKRDPEDPSAVALKEPWQEKVRRIREGSPYGHLPNWRLLSVIVKCGDDLRLQELLAFQVLK QLQSIWEQERVPLWIKPYKILVISADSGMIEPVVNAVSIHQVKKQSQLSLLDYFLQEHGSYTTEAFL SAQRNFVQSCAGY
Host	Rabbit

Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Immunofluorescence

Immunofluorescent staining of U-251 MG with PI4KB polyclonal antibody (Cat # PAB30757) (Green) shows positivity in cytoplasm.

Gene Info — PI4KB

Entrez GeneID	5298
Protein Accession#	Q9UBF8
Gene Name	PI4KB
Gene Alias	PI4K-BETA, PI4KIIIbeta, PI4Kbeta, PIK4CB, pi4K92
Gene Description	phosphatidylinositol 4-kinase, catalytic, beta
Omim ID	602758
Gene Ontology	Hyperlink

Gene Summary

catalytic

Other Designations

OTTHUMP00000014284|phosphatidylinositol 4-kinase, catalytic, beta polypeptide|type III phosphatidylinositol 4-kinase beta

Pathway

- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)

Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [Neuroblastoma](#)