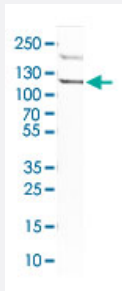


PIK3CD polyclonal antibody

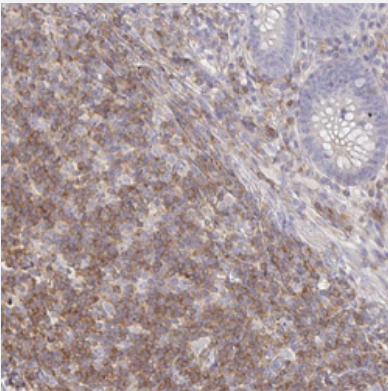
Catalog # PAB31097 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western Blot (Tissue lysate) analysis of human tonsil.



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

Immunohistochemical staining of human appendix shows moderate positivity in lymphoid cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human PIK3CD.
Immunogen	Recombinant protein corresponding to human PIK3CD.
Sequence	AECSRLLQILELGRHSECVHVTETEEQLQLREILERRGSGELYEHKDLVWKL RHEVQEHPPEALARLLLVTKWN
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-500) Western Blot (1:100-250) 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

- Western Blot (Tissue lysate)

Western Blot (Tissue lysate) analysis of human tonsil.

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

Immunohistochemical staining of human appendix shows moderate positivity in lymphoid cells.

Gene Info — PIK3CD

Entrez GeneID	5293
Protein Accession#	O00329
Gene Name	PIK3CD
Gene Alias	p110D
Gene Description	phosphoinositide-3-kinase, catalytic, delta polypeptide
Omim ID	602839
Gene Ontology	Hyperlink

Gene Summary

Phosphoinositide 3-kinases (PI3Ks) phosphorylate the 3-prime OH position of the inositol ring of inositol lipids. See MIM 602838. The class I PI3Ks display a broad phosphoinositide lipid substrate specificity and include p110-alpha (MIM 171834), p110-beta (MIM 602925), and p110-gamma (MIM 601232). p110-alpha and p110-beta interact with SH2/SH3-domain-containing p85 adaptor proteins (see MIM 171833) and with GTP-bound Ras.[supplied by OMIM]

Other Designations

OTTHUMP00000001595|phosphatidylinositol 3-kinase, catalytic, delta polypeptide|phosphoinositide-3-kinase C

Pathway

- [Acute myeloid leukemia](#)
- [Apoptosis](#)
- [B cell receptor signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Chronic myeloid leukemia](#)
- [Colorectal cancer](#)
- [Endometrial cancer](#)
- [ErbB signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Focal adhesion](#)
- [Glioma](#)
- [Inositol phosphate metabolism](#)
- [Insulin signaling pathway](#)
- [Jak-STAT signaling pathway](#)
- [Leukocyte transendothelial migration](#)
- [Melanoma](#)
- [mTOR signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)

- [Neurotrophin signaling pathway](#)
- [Non-small cell lung cancer](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Phosphatidylinositol signaling system](#)
- [Prostate cancer](#)
- [Regulation of actin cytoskeleton](#)
- [Renal cell carcinoma](#)
- [Small cell lung cancer](#)
- [T cell receptor signaling pathway](#)
- [Toll-like receptor signaling pathway](#)
- [Type II diabetes mellitus](#)
- [VEGF signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypercholesterolemia](#)
- [Prostatic Neoplasms](#)