

Rabbit PLCB3 Polyclonal Antibody | anti-PLCB3 antibody

Phospho-PLCB3 (Ser1105) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328481	Rabbit	Human, Mouse, RatPredicted: Pig, Bovine, Horse, Sheep, Dog, Xenopus	ELISA, Immunohistochemistry, Western Blot

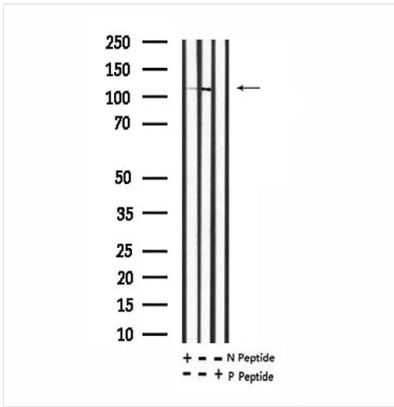
PRODUCT SYNONYMS

PLCB3; Polyclonal Antibody; Phospho-PLCB3 (Ser1105) Antibody; 1 phosphatidylinositol 4 5 bisphosphate phosphodiesterase beta 3; 1-phosphatidylinositol-4; 5-bisphosphate phosphodiesterase beta-3; Phosphoinositide phospholipase C; Phosphoinositide phospholipase C-beta-3; Phospholipase C beta 3; Phospholipase C beta 3 (phosphatidylinositol specific); Phospholipase C-beta-3; PLC beta 3; PLC-beta-3; Plcb3; PLCB3_HUMAN; anti-PLCB3 antibody

PRODUCT SPECIFICATIONS

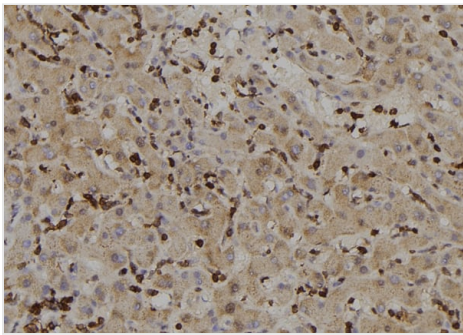
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Dog, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-PLCB3 (Ser1105) Antibody detects endogenous levels of PLCB3 only when phosphorylated at Ser1105.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1234
Applicable Applications for anti-PLCB3 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PLCB3 around the phosphorylation site of Ser1105.
Subcellular Location	Membrane
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



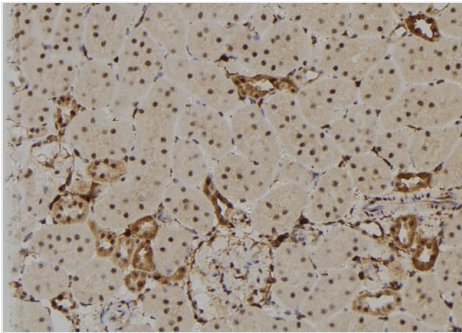
WB (Western Blot)

Western blot analysis of Phospho-PLCB3 (Ser1105) in lysates of A431, using Phospho-PLCB3 (Ser1105) Antibody.



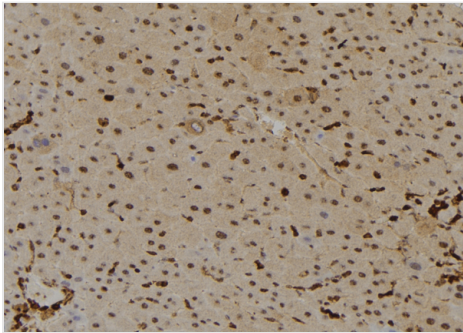
IHC (Immunohistochemisry)

At 1/100 staining human liver tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohiostchemistry)

At 1/100 staining rat kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining mouse liver tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-PLCB3 antibody	Description: The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes. Subunit Structure: Interacts with SHANK2 (By similarity). Interacts with LPAR2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11386139
NCBI GeneID	5331
NCBI Accession #	NP_000923.1
NCBI GenBank Nucleotide #	NP_000923.1
UniProt Accession #	Q01970
Molecular Weight	Observed: 139 kDa Predicted: 139 kDa
NCBI Official Full Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-3 isoform 1
NCBI Official Synonym Full Names	phospholipase C beta 3
NCBI Official Symbol	PLCB3

NCBI Protein Information	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-3
UniProt Protein Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-3
UniProt Gene Name	PLCB3
UniProt Synonym Gene Names	PLC-beta-3
UniProt Entry Name	PLCB3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/plcb3-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328481>