

PLCB3 Antibody | anti-PLCB3 antibody

PLCB3 (Phospho-Ser1105) Antibody

CATALOG # AAA110433	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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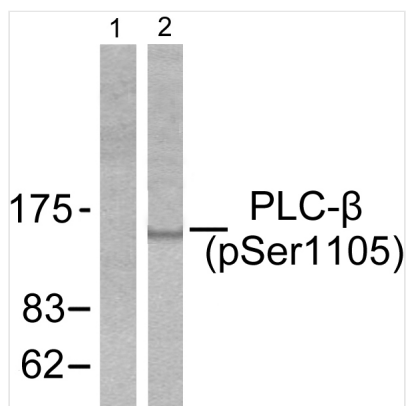
PRODUCT SYNONYMS

PLCB3; PLCB3 (Phospho-Ser1105) Antibody; 1-phosphatidylinositol-4; 5-bisphosphate phosphodiesterase beta 3; EC 3.1.4.11; Phosphoinositide phospholipase C; Phospholipase C-beta-3; PLC-beta-3; anti-PLCB3 antibody

PRODUCT SPECIFICATIONS

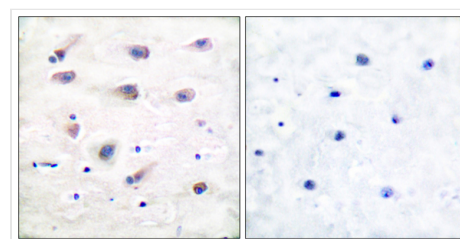
Reactivity	Human, Mouse, Rat
Specificity	PLC-beta (phospho-Ser1105) antibody detects endogenous levels of PLC-beta only when phosphorylated at serine 1105.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1234
Applicable Applications for anti-PLCB3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PLC-beta around the phosphorylation site of serine 1105 (N-N-SP-I-S).
All Sites	Human: Ser1105 Mouse: Ser1105 Rat: Ser1105
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from A431 cells, using PLC-beta (phospho-Ser1105) antibody.



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human brain tissue using PLC-beta (phospho-Ser1105) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PLCB3 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Chunzhi Xia, J. Biol. Chem., Jun 2001; 276: 19770-19777. Helena Frecker, Am J Physiol Renal Physiol, Nov 2005; 289: F1078-F1087. Clive P. Morgan, J. Biol. Chem., Nov 2004; 279: 47159-47171.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11386139
NCBI GeneID	5331
NCBI Accession #	NP_000923.1
NCBI GenBank Nucleotide #	NM_000932.2
UniProt Accession #	Q01970; Q8N1A4; A5PKZ6; G5E960
Molecular Weight	131,205 Da
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/plcb3/110433>