

PLCG2 Antibody | anti-PLCG2 antibody

PLCG2 (Phospho-Tyr753) Antibody

CATALOG # AAA267360	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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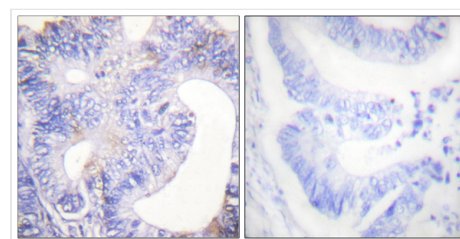
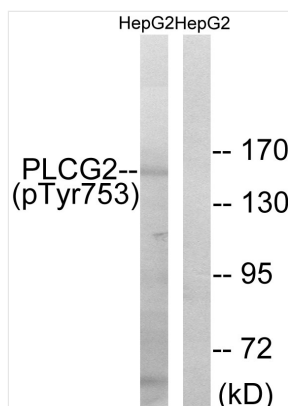
PRODUCT SYNONYMS

PLCG2; PLCG2 (Phospho-Tyr753) Antibody; 1-phosphatidylinositol-4; 5-bisphosphate phosphodiesterase gamma 2; EC 3.1.4.11; phospholipase C-gamma-2; PLC-gamma2; PLC-IV; anti-PLCG2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	PLCG2 (Phospho-Tyr753) antibody detects endogenous levels of PLCG2 only when phosphorylated at tyrosine 753.
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	1265
Applicable Applications for anti-PLCG2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PLCG2 around the phosphorylation site of tyrosine 753 (S-L-YP-D-V).
All Sites	Human: Tyr753 Mouse: Tyr753 Rat: Tyr753
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using PLCG2 (Phospho-Tyr753) antibody. Western blot analysis of extracts from HepG2 cells, treated with Na3VO4 (0.3mM, 40mins), using PLCG2 (Phospho-Tyr753) antibody.

ADDITIONAL INFORMATION

References	Ohta S., FEBS Lett. 242-31-35(1988). Kemmer D., BMC Genomics 7:48-48(2006). Martin J., Nature 432:988-994(2004).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117320537
NCBI GeneID	5336
NCBI Accession #	NP_002652.2
NCBI GenBank Nucleotide #	NM_002661.4
UniProt Accession #	P16885; Q3ZTS2; Q59H45; Q969T5; D3DUL3
Molecular Weight	147,870 Da
NCBI Official Full Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-2
NCBI Official Synonym Full Names	phospholipase C gamma 2
NCBI Official Symbol	PLCG2
NCBI Official Synonym Symbols	FCAS3; APLAID; PLC-IV; PLC-gamma-2
NCBI Protein Information	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-2
UniProt Protein Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-2
UniProt Gene Name	PLCG2
UniProt Synonym Gene Names	PLC-IV; PLC-gamma-2

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/human-mouse-rat-antibody/plcg2/267360>