Datasheet for ABIN319401

anti-Phospholipase C gamma 2 antibody (Tyr1217)

2 Images

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Overview

Quantity:	0.1 mL
Target:	Phospholipase C gamma 2 (PLCG2)
Binding Specificity:	Tyr1217
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phospholipase C gamma 2 antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	The antiserum was produced against synthesized non-phosphopeptide derived from human PLC-gamma 2 around the phosphorylation site of Tyrosine 1217 (F-L-YP-D-T).
Specificity:	This antibody detects endogenous levels of total PLC-gamma 2 protein.
Purification:	Immunoaffinity Chromatography

Target Details

Target:	Phospholipase C gamma 2 (PLCG2)
Alternative Name:	PLCG2 (PLCG2 Products)
Background:	Synonyms: 1-phosphatidylinositol-4, 5-bisphosphate phosphodiesterase gamma-2, PLC-IV, PLC-gamma-2, Phosphoinositide phospholipase C-gamma-2, Phospholipase C-IV, Phospholipase C-gamma-2

Target Details

Gene ID:	5336
NCBI Accession:	NP_002652
UniProt:	P16885
Pathways:	RTK Signaling, WNT Signaling, Fc-epsilon Receptor Signaling Pathway, Inositol Metabolic Process, Myometrial Relaxation and Contraction, Toll-Like Receptors Cascades, VEGF Signaling , BCR Signaling

Application Details

Application Notes:	Immunohistochemistry (1/50-1/100). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1,0 mg/mL
Buffer:	PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % Sodium Azide and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the antibody (in aliquots) at-20 °C.

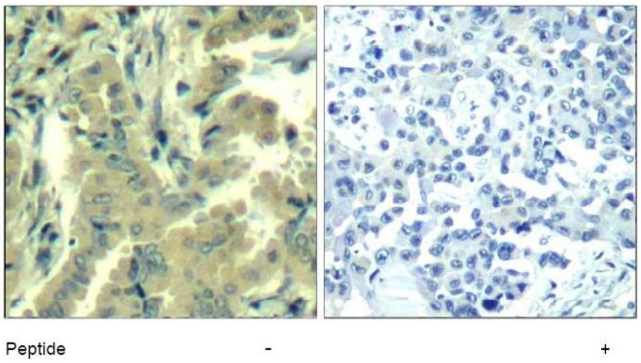

Image 1.

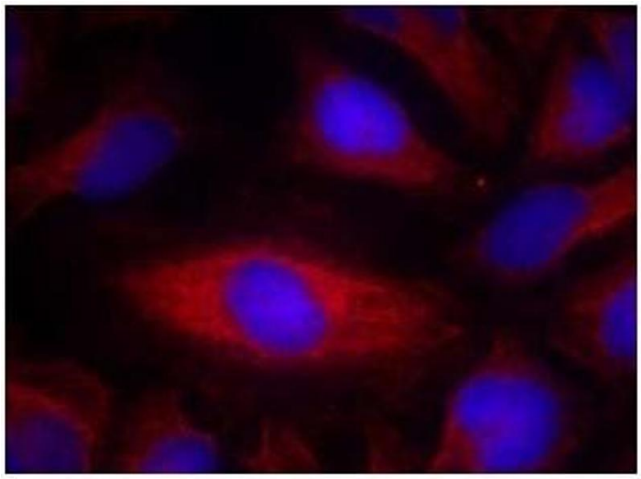

Image 2.