

Datasheet for ABIN1453773
anti-PIK3CA antibody (AA 470-519)



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Overview

Quantity:	100 µL
Target:	PIK3CA
Binding Specificity:	AA 470-519
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3CA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human PI 3-kinase p110alpha.
Isotype:	IgG
Specificity:	PI 3-kinase p110alpha antibody detects endogenous levels of PI 3-kinase p110alpha.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.

Target Details

Target:	PIK3CA
Alternative Name:	PI 3-kinase p110Alpha (PIK3CA Products)
Background:	Synonyms: phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha isoform,

Target Details

	phosphoinositide-3-kinase catalytic alpha polypeptide, PI3-kinase p110 alpha, PI3K, PI3K p110-alpha, PK3CA, PtdIns-3-kinase p110 NCBI Gene Symbol: PIK3CA
Molecular Weight:	124 kDa
Gene ID:	5290
OMIM:	171834
UniProt:	P42336
Pathways:	PI3K-Akt Signaling , RTK Signaling , TCR Signaling , AMPK Signaling , Interferon-gamma Pathway , TLR Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Inositol Metabolic Process , Hepatitis C , CXCR4-mediated Signaling Events , Signaling Events mediated by VEGFR1 and VEGFR2 , Signaling of Hepatocyte Growth Factor Receptor , VEGFR1 Specific Signals , VEGF Signaling

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:10000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.