

Datasheet for ABIN221910 **anti-PIK3CA antibody**

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Overview

Quantity:	100 µL
Target:	PIK3CA
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3CA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Synthetic peptide (KLH-coupled) derived from the human sequence of PI3K p110 alpha. Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Recognizes endogenous levels of total human PI3K p110 alpha protein at 110kD. Species cross-reactivity: mouse and rat. Species sequence homology: bovine.
Purification:	Protein A purified

Target Details

Target:	PIK3CA
Alternative Name:	PIK3CA / PI3K (PIK3CA Products)
Background:	Name/Gene ID: PIK3CA

Target Details

	Family: Non-Protein Kinase
	Synonyms: PIK3CA, MCAP, p110-alpha, p110alpha, PI3K, PI3-kinase p110 subunit alpha, PI3-kinase subunit alpha, PI3Kalpha, MCM, MCMTc, PI3K-alpha, PtdIns-3-kinase subunit alpha, CLOVE
Gene ID:	5290
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:	Approved: ELISA, IP (1:100), WB (1:1000) Usage: Suitable for use in ELISA, Western Blot and Immunoprecipitation. Western Blot: 1:1000. Immunoprecipitation: 1:100.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	10 mM sodium HEPES, pH 7.5, 150 mM sodium chloride, 0.1 mg/mL BSA, 50 % glycerol.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C,-20 °C
Storage Comment:	4°C or -20°C, Avoid freeze-thaw cycles.