

Datasheet for ABIN7602952

anti-PIK3CA antibody (Catalytic Subunit alpha)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PIK3CA
Binding Specificity:	Catalytic Subunit alpha
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This PIK3CA antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-PI 3 kinase p110 alpha Monoclonal Antibody
Immunogen:	A synthesized peptide derived from human PI 3 Kinase catalytic subunit alpha
Clone:	BEB-16
Isotype:	IgG
Characteristics:	Anti-PI 3 kinase p110 alpha Monoclonal Antibody (ABIN7602952). Tested in WB, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.
Purification:	Affinity-chromatography

Target Details

Target:	PIK3CA
Alternative Name:	PIK3CA (PIK3CA Products)
Background:	Synonyms: Signal transducer and activator of transcription 3,Acute-phase response factor,STAT3,APRF, Tissue Specificity: Heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.
Molecular Weight:	131 kDa
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 1:1000-1:2000 ICC/IF 1:50-1:200 IP 1:20
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL
Concentration:	Lot specific
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol, 0.4-0.5 mg/mL BSA.
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:	4 °C,-20 °C
Storage Comment:	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one

month. Avoid repeated freeze-thaw cycles.