

Datasheet for ABIN360221

anti-PIK3CA antibody (Tyr317)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	PIK3CA
Binding Specificity:	Tyr317
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3CA antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide corresponding to amino acid residues surrounding Y317 of human PK3CA.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to PK3CA.
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	PIK3CA
Alternative Name:	PIK3CA (PIK3CA Products)
Background:	Phosphatidylinositol 3-kinase is composed of an 85 kDa regulatory subunit and a 110 kDa

Target Details

	catalytic subunit. This protein represents the catalytic subunit, which uses ATP to phosphorylate PtdIns, PtdIns4P and PtdIns(4,5)P2.Synonyms: 5-bisphosphate 3-kinase catalytic subunit alpha isoform, EC=2.7.1.153, PI3-kinase p110 subunit alpha, PI3K, PIK3CA, Phosphatidylinositol-4, PtdIns-3-kinase p110
Gene ID:	5290, 9606
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:	ELISA: 1/1,000. Western blotting: 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

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
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:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

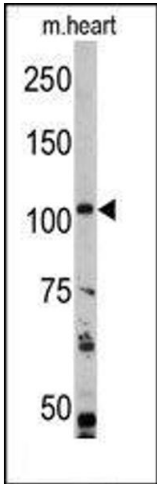


Image 1.