

Datasheet for ABIN562227

anti-PIK3CA antibody (AA 959-1068)[Go to Product page](#)

Overview

Quantity:	50 µL
Target:	PIK3CA
Binding Specificity:	AA 959-1068
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This PIK3CA antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Mouse polyclonal antibody raised against a partial recombinant PIK3CA.
Immunogen:	PIK3CA (NP_006209, 959 a.a. ~ 1068 a.a) partial recombinant protein with GST tag.
Sequence:	DFLIVISKGA QECTKTREFE RFQEMCYKAY LAIRQHANLF INLFSMMLGS GMPQLQSFDD IAYIRKTLAL DKTEQEALAY FMKQMMDAHH GGWTTKMDWI FHTIKQHALN
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PIK3CA
Alternative Name:	PIK3CA (PIK3CA Products)

Target Details

Background:	Full Gene Name: phosphoinositide-3-kinase, catalytic, alpha polypeptide Synonyms: MGC142161,MGC142163,PI3K,p110-alpha
Gene ID:	5290
NCBI Accession:	NM_006218
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:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	50 % glycerol
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.