

Rabbit PI3-Kinase p110 Subunit alpha Polyclonal Antibody | anti-PIK3CA antibody

PI3-Kinase p110 Subunit alpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311998	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunoprecipitation, Western Blot

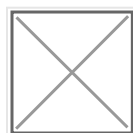
PRODUCT SYNONYMS

PI3-Kinase p110 Subunit alpha; Polyclonal Antibody; PI3-Kinase p110 Subunit alpha Antibody; 5-bisphosphate 3-kinase 110 kDa catalytic subunit delta antibody; 5-bisphosphate 3-kinase catalytic subunit delta isoform antibody; APDS antibody; GRB1 antibody; IMD14 antibody; p110d antibody; p110delta antibody; p110dp85a antibody; p85-ALPHA antibody; Phosphatidylinositol 3 kinase catalytic delta polypeptide antibody; Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit delta isoform antibody; Phosphatidylinositol 4; 5 bisphosphate 3 kinase 110 kDa catalytic subunit delta antibody; 5 bisphosphate 3 kinase; catalytic subunit delta antibody; Phosphatidylinositol 45 bisphosphate 3 kinase catalytic subunit delta isoform antibody; Phosphatidylinositol-4 antibody; Phosphoinositide 3 kinase B antibody; Phosphoinositide 3 kinase C antibody; Phosphoinositide 3 kinase catalytic delta polypeptide antibody; Phosphoinositide 3 kinase; catalytic; delta polypeptide variant p37delta antibody; PI3 kinase p110 subunit delta antibody; PI3-kinase subunit delta antibody; PI3K antibody; PI3K-delta antibody; PI3Kdelta antibody; Pik3cd antibody; PIK3R1 antibody; PK3CD antibody; PK3CD_HUMAN antibody; PtdIns 3 kinase p110 antibody; PtdIns 3 kinase subunit p110 delta antibody; PtdIns-3-kinase subunit delta antibody; PtdIns-3-kinase subunit p110-delta antibody; anti-PIK3CA antibody

PRODUCT SPECIFICATIONS

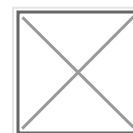
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-PIK3CA antibody	IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells showing cytoplasmic and membrane localization.



WB (Western Blot)

Western blot analysis of PI 3-kinase p110alpha expression in Jurkat whole cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-PIK3CA antibody	Phosphatidylinositol 3-kinase (PI 3-kinase) is composed of p85 and p110 subunits. p85 lacks PI 3-kinase activity and acts as an adapter, coupling p110 to activated protein tyrosine kinase. Two forms of p85 have been described (p85alpha and p85beta), each possessing one SH3 and two SH2 domains.Various p110 isoforms have been identified. p110alpha and p110beta interact with p85alpha, and p110alpha has also been shown to interact with p85beta in vitro. p110delta expression is restricted to white blood cells. It has been shown to bind p85alpha and beta , but it apparently does not phosphorylate these subunits. p110delta seems to have the capacity to autophosphorylate. p110gamma does not interact with the p85 subunits. It has been shown to be activated by alpha and beta gamma heterotrimeric G proteins.
Product Categories/Family for anti-PIK3CA antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	126302584
NCBI GeneID	5290
UniProt Accession #	P42336; Q14CW1; Q99762
Molecular Weight	1068
NCBI Official Full Name	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform
NCBI Official Synonym Full Names	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha
NCBI Official Symbol	PIK3CA
NCBI Official Synonym Symbols	MCM; CWS5; MCAP; PI3K; CLOVE; MCMTC; p110-alpha
NCBI Protein Information	phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform; PI3K-alpha; PI3-kinase p110 subunit alpha; ptdIns-3-kinase subunit p110-alpha; serine/threonine protein kinase PIK3CA; phosphatidylinositol 3-kinase, catalytic, 110-KD, alpha;
UniProt Protein Name	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform
UniProt Gene Name	PIK3CA
UniProt Synonym Gene Names	PI3-kinase subunit alpha; PI3K-alpha; PI3Kalpha; PtdIns-3-kinase subunit alpha; PtdIns-3-kinase subunit p110-alpha; p110alpha
UniProt Entry Name	PK3CA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pi3-kinase-p110-subunit-alpha-antibody-immunofluorescence-immunoprecipitation-western-blot-elisa/311998>