

Rabbit PI3-Kinase p85 Subunit alpha Polyclonal Antibody | anti-PIK3R1 antibody

PI3-Kinase p85 Subunit alpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311936	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunocytochemistry, Western Blot

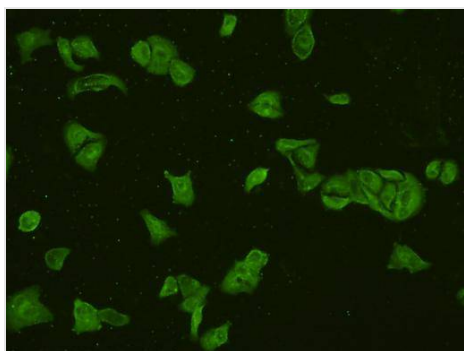
PRODUCT SYNONYMS

PI3-Kinase p85 Subunit alpha; Polyclonal Antibody; PI3-Kinase p85 Subunit alpha Antibody; GRB1 antibody; p85 alpha antibody; p85 antibody; P85A_HUMAN antibody; Phosphatidylinositol 3 kinase associated p 85 alpha antibody; Phosphatidylinositol 3 kinase regulatory 1 antibody; Phosphatidylinositol 3 kinase; regulatory subunit; polypeptide 1 (p85 alpha) antibody; Phosphatidylinositol 3-kinase 85 kDa regulatory subunit alpha antibody; Phosphatidylinositol 3-kinase regulatory subunit alpha antibody; Phosphoinositide 3 kinase; regulatory subunit 1 (alpha) antibody; PI3 kinase p85 subunit alpha antibody; PI3-kinase regulatory subunit alpha antibody; PI3-kinase subunit p85-alpha antibody; PI3K antibody; PI3K regulatory subunit alpha antibody; Pik3r1 antibody; PtdIns 3 kinase p85 alpha antibody; PtdIns-3-kinase regulatory subunit alpha antibody; PtdIns-3-kinase regulatory subunit p86-alpha antibody; anti-PIK3R1 antibody

PRODUCT SPECIFICATIONS

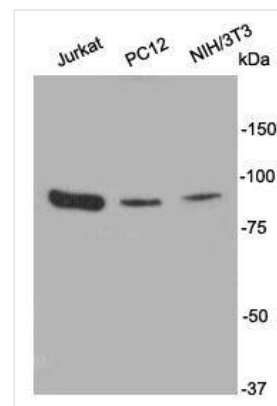
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-PIK3R1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



ICC (Immunocytochemistry)

ICC staining PI3-kinase p85 subunit alpha in Hela cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis on cell lysates using anti- PI3-kinase p85 subunit alpha rabbit polyclonal antibodies.

ADDITIONAL INFORMATION

Related Product Information for anti-PIK3R1 antibody	Phosphatidylinositol 3-kinase regulatory subunit alpha is an enzyme that in humans is encoded by the PIK3R1 gene. Phosphatidylinositol 3-kinase phosphorylates the inositol ring of phosphatidylinositol at the 3-prime position. The enzyme comprises a 110 kD catalytic subunit and a regulatory subunit of either 85, 55, or 50 kD. This gene encodes the 85 kD regulatory subunit. Phosphatidylinositol 3-kinase plays an important role in the metabolic actions of insulin, and a mutation in this gene has been associated with insulin resistance. Alternative splicing of this gene results in three transcript variants encoding different isoforms. Mutations in PIK3R1 are implicated in cases of breast cancer. Mutations in PIK3R1 are associated to SHORT syndrome.
Product Categories/Family for anti-PIK3R1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	335057534
NCBI GeneID	5295
NCBI Accession #	NP_001229395.1
NCBI GenBank Nucleotide #	NM_001242466.1
UniProt Accession #	P27986; Q15747; Q4VBZ7; Q53EM6; Q8IXA2; Q8N1C5; B3KT19; D3DWA0; E7EX19
Molecular Weight	83,598 Da
NCBI Official Full Name	phosphatidylinositol 3-kinase regulatory subunit alpha isoform 4
NCBI Official Synonym Full Names	phosphoinositide-3-kinase, regulatory subunit 1 (alpha)
NCBI Official Symbol	PIK3R1
NCBI Official Synonym Symbols	p85; AGM7; GRB1; p85-ALPHA
NCBI Protein Information	phosphatidylinositol 3-kinase regulatory subunit alpha; PI3-kinase subunit p85-alpha; PI3K regulatory subunit alpha; ptdIns-3-kinase regulatory subunit alpha; phosphoinositide-3-kinase regulatory subunit; phosphatidylinositol 3-kinase-associated p-85 alph
UniProt Protein Name	Phosphatidylinositol 3-kinase regulatory subunit alpha
UniProt Gene Name	PIK3R1
UniProt Synonym Gene Names	GRB1; PI3-kinase regulatory subunit alpha; PI3K regulatory subunit alpha; PtdIns-3-kinase regulatory subunit alpha; PI3-kinase subunit p85-alpha
UniProt Entry Name	P85A_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.