

Rabbit PI3-kinase p85-alpha/gamma Polyclonal Antibody | anti-PIK3R1 antibody

PI3-kinase p85-alpha/gamma Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA317007	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

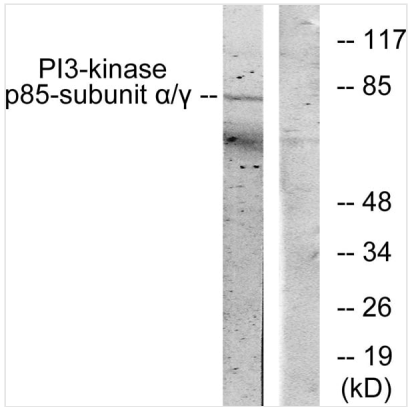
PRODUCT SYNONYMS

PI3-kinase p85-alpha/gamma; Polyclonal Antibody; PI3-kinase p85-alpha/gamma Antibody; GRB1; P85A; PI3-kinase p85-alpha subunit; PI3K; PI3K p85-alpha; Phosphatidylinositol 3-kinase regulatory alpha subunit; PtdIns-3-kinase p85-alpha; P55G; PI3-kinase p85-gamma subunit; PI3K p85-gamma; Phosphatidylinositol 3-kinase regulatory gamma subunit; anti-PIK3R1 antibody

PRODUCT SPECIFICATIONS

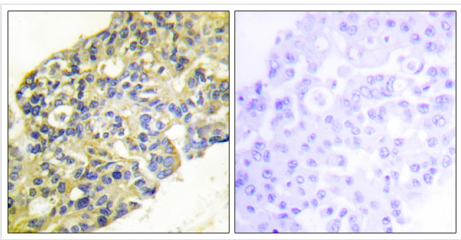
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	PI3-kinase p85-alpha/gamma Antibody detects endogenous levels of total PI3-kinase p85-alpha/gamma protein.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	361
Applicable Applications for anti-PIK3R1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human PI3-kinase p85-alpha/gamma.
Immunogen Range	436-485
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



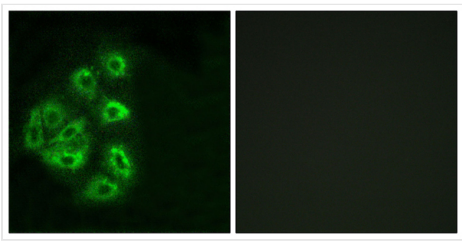
WB (Western Blot)

Western blot analysis of lysates from COS7 cells, treated with H2O2 100uM 30', using PI3-kinase p85-alpha/gamma Antibody. The lane on the right is blocked with the synthesized peptide.



IHC (Immunohiostchemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using PI3-kinase p85-alpha/gamma Antibody. The picture on the right is blocked with the synthesized peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using PI3-kinase p85-alpha/gamma Antibody. The picture on the right is blocked with the synthesized peptide.

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 kDa
NCBI Official Full Name	phosphatidylinositol 3-kinase regulatory subunit alpha isoform 4
NCBI Official Synonym Full Names	phosphoinositide-3-kinase regulatory subunit 1
NCBI Official Symbol	PIK3R1
NCBI Official Synonym Symbols	p85; AGM7; GRB1; IMD36; p85-ALPHA
NCBI Protein Information	phosphatidylinositol 3-kinase regulatory subunit alpha
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; PtdIns-3-kinase regulatory subunit p85-alpha

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.

