

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

PI3-kinase p85-alpha (Phospho-Tyr607) Antibody

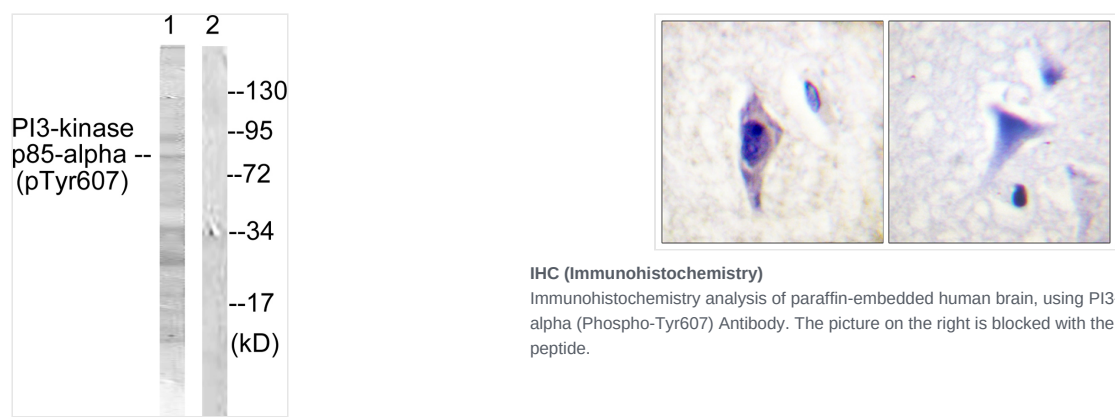
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316443	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PI3-kinase p85-alpha; Polyclonal Antibody; PI3-kinase p85-alpha (Phospho-Tyr607) Antibody; anti-PIK3R1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	PI3-kinase p85-alpha (Phospho-Tyr607) Antibody detects endogenous levels of PI3-kinase p85-alpha only when phosphorylated at Tyr607.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
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, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:Y607; M:Y607; R:Y607
Immunogen	The antiserum was produced against synthesized peptide derived from human PI3-kinase p85-alpha around the phosphorylation site of Tyr607.
Immunogen Range	573-622
Preparation and Storage	Stable at -20 degree C for at least 1 year.



WB (Western Blot)
Western blot analysis of lysates from rat kidney, using PI3-kinase p85-alpha (Phospho-Tyr607) Antibody. The lane on the right is blocked with the phospho peptide.

IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain, using PI3-kinase p85-alpha (Phospho-Tyr607) Antibody. The picture on the right is blocked with the phospho 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.