

PI3-kinase p85-alpha Antibody | anti-PI3K antibody

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

CATALOG # AAA109964	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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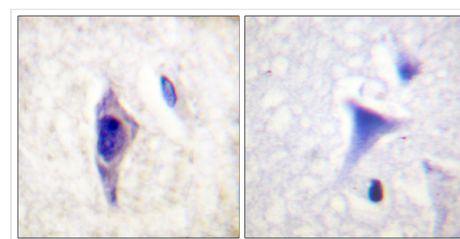
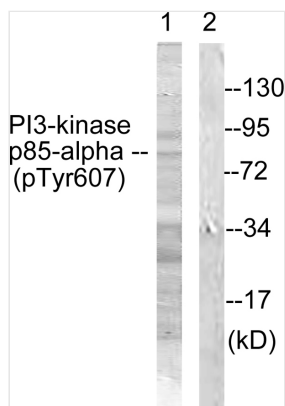
PRODUCT SYNONYMS

PI3-kinase p85-alpha; PI3-kinase p85-alpha (Phospho-Tyr607) Antibody; GRB1; P85A; PI3-kinase p85-alpha subunit; PI3K p85-alpha; Phosphatidylinositol 3-kinase regulatory alpha subunit; PtdIns-3-kinase p85-alpha; anti-PI3K antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	PI3-kinase p85-alpha (Phospho-Tyr607) antibody detects endogenous levels of PI3-kinase p85-alpha only when phosphorylated at tyrosine 607.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	361
Applicable Applications for anti-PI3K antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PI3-kinase p85-alpha around the phosphorylation site of tyrosine 607 (D-Q-YP-S-L).
All Sites	Human: Tyr607 Mouse: Tyr607 Rat: Tyr607
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using PI3-kinase p85-alpha (Phospho-Tyr607) antibody. Western blot analysis of extracts from rat kidney cells, using PI3-kinase p85-alpha (Phospho-Tyr607) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PI3K antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Skolnik E.Y., Cell 65:83-90(1991). Antonetti D.A., Mol. Cell. Biol. 16:2195-2203(1996). The MGC Project Team; Genome Res. 14:2121-2127(2004).

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	42,838 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/pi3k-human-mouse-rat-antibody/pi3-kinase-p85-alpha/109964>