

Rabbit PI 3-kinase p85beta Polyclonal Antibody | anti-PIK3R2 antibody

PI 3-kinase p85beta (Phospho-Tyr464) Antibody

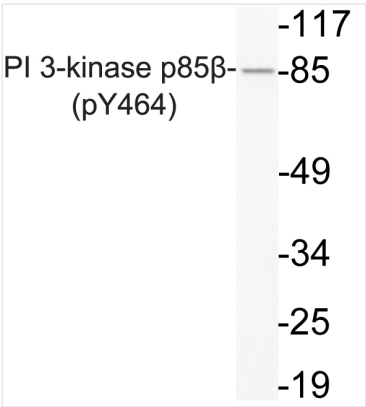
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318269	Rabbit	Human, Mouse, Rat	ELISA, Western Blot

PRODUCT SYNONYMS

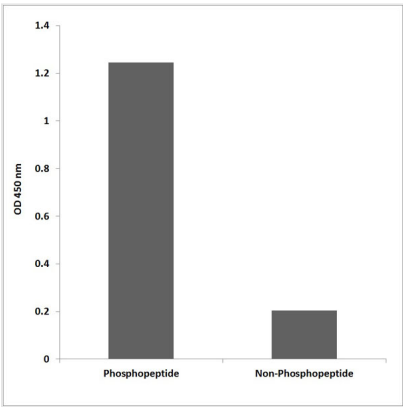
PI 3-kinase p85beta; Polyclonal Antibody; PI 3-kinase p85beta (Phospho-Tyr464) Antibody; anti-PIK3R2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	PI 3-kinase p85beta (Phospho-Tyr464) antibody detects endogenous levels of PI 3-kinase p85beta only when phosphorylated at Tyr464.
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 (Phospho-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	728
Applicable Applications for anti-PIK3R2 antibody	ELISA, WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:Y464; M:Y458; R:Y458
Immunogen	The antiserum was produced against synthesized phospho-peptide derived from human PI 3-kinase p85beta around the phosphorylation site of Tyr464.
Preparation and Storage	Stable at -20 degree C for at least 1 year.



WB (Western Blot)
Western blot analysis of lysate from Jurkat cells, using phospho-PI 3-kinase p85beta (Phospho-Tyr464) antibody.



ELISA
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using PI 3-kinase p85beta (Phospho-Tyr464) Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826908
NCBI GeneID	5296
NCBI Accession #	NP_005018.1
NCBI GenBank Nucleotide #	NM_005027.3
UniProt Accession #	O00459; Q5EAT5; Q9UPH9
Molecular Weight	81 kDa
NCBI Official Full Name	phosphatidylinositol 3-kinase regulatory subunit beta
NCBI Official Synonym Full Names	phosphoinositide-3-kinase regulatory subunit 2
NCBI Official Symbol	PIK3R2
NCBI Official Synonym Symbols	p85; MPPH; P85B; MPPH1; p85-BETA
NCBI Protein Information	phosphatidylinositol 3-kinase regulatory subunit beta
UniProt Protein Name	Phosphatidylinositol 3-kinase regulatory subunit beta
UniProt Gene Name	PIK3R2
UniProt Synonym Gene Names	PI3-kinase regulatory subunit beta; PI3K regulatory subunit beta; PtdIns-3-kinase regulatory subunit beta; PI3-kinase subunit p85-beta; PtdIns-3-kinase regulatory subunit p85-beta

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.