

Rabbit PIK3R2 Polyclonal Antibody | anti-PIK3R2 antibody

Phospho-PIK3R2 (Y464) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA297740	Rabbit	Human Predicted: Bovine, Mouse, Rat	Dot Blot, Western Blot

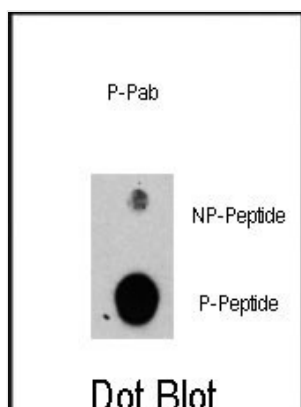
PRODUCT SYNONYMS

PIK3R2; Polyclonal Antibody; Phospho-PIK3R2 (Y464) Antibody; Phosphatidylinositol 3-kinase regulatory subunit beta; PI3-kinase regulatory subunit beta; PI3K regulatory subunit beta; PtdIns-3-kinase regulatory subunit beta; Phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta; PI3-kinase subunit p85-beta; PtdIns-3-kinase regulatory subunit p85-beta; RB13728; anti-PIK3R2 antibody

PRODUCT SPECIFICATIONS

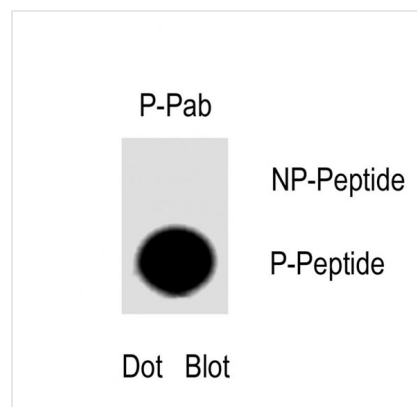
Host	Rabbit
Reactivity	Human Predicted: Bovine, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This PIK3R2 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y464 of human PIK3R2.
Purity/Purification	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Applicable Applications for anti-PIK3R2 antibody	DB (Dot Blot), WB (Western Blot)
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



DB (Dot Blot)

Dot blot analysis of anti-PIK3R2-pY464 Pab (Cat. #AAA297740) on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5ug per ml. Dilution: DB 1:500



WB (Western Blot)

Dot blot analysis of Phospho-PIK3R2 (Y464) Antibody Phospho-specific Pab (Cat. #AAA297740) on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibodies working concentration was 0.5ug per ml. Dilution: WB 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-PIK3R2 antibody	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the γ phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. PIK3R2 binds to activated Protein Tyrosine Kinases, which are phosphorylated, through its SH2 domain, and acts as an adaptor, mediating the association of the P110 catalytic unit to the plasma membrane.
Product Categories/Family for anti-PIK3R2 antibody	Primary Antibodies ; Antibody Collections ; Cancer ; Cell Biology ; Immunology ; Signal Transduction ; Phospho Antibodies
References	Khan, N.A., et al., J. Neurovirol. 9 (6):584-593 (2003).Deregibus, M.C., et al., J. Biol. Chem. 277 (28):25195-25202 (2002).Cook, J.A., et al., J. Immunol. 169 (1):254-260 (2002).Park, I.W., et al., Blood 97 (2):352-358 (2001).Zauli, G., et al., FASEB J. 15 (2):483-491 (2001).

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	728
NCBI Official Full Name	phosphatidylinositol 3-kinase regulatory subunit beta
NCBI Official Synonym Full Names	phosphoinositide-3-kinase, regulatory subunit 2 (beta)
NCBI Official Symbol	PIK3R2
NCBI Official Synonym Symbols	p85; MPPH; P85B; p85-BETA
NCBI Protein Information	phosphatidylinositol 3-kinase regulatory subunit beta; PI3-kinase subunit p85-beta; PI3K regulatory subunit beta; ptdIns-3-kinase regulatory subunit p85-beta; phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta; phosphatidylinositol 3-kinase, reg
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
UniProt Entry Name	P85B_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pik3r2-antibody-dot-blot-western-blot-elisa/297740>