PIK3R2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PIK3R2, Polyclonal Antibody
Full Product Name	PIK3R2 Antibody
Product Gene Name	anti-PIK3R2 antibody
Product Synonym Names	p85; MPPH; P85B; p85-BETA
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Rat
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification.
Specificity	The antibody detects endogenous levels of total PIK3R2 protein.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	728
Chromosome Location	Chromosome: 19; NC_000019.9 (18263988..18281343). Location: 19q13.2-q13.4
OMIM	603157
3D Structure	ModBase 3D Structure for O00459
Immunogen	Synthetic peptide corresponding to residues near the C terminal of human phosphoinositide-3-kinase, regulatory subunit 2 (beta)
Product Categories/Family for anti-PIK3R2 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PIK3R2 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-PIK3R2 antibody	WB: 1:200-1:1000 IHC: 1:50-1:100
Related Product Information for anti-PIK3R2 antibody	Phosphatidylinositol 3-kinase (PI3K) is a lipid kinase that phosphorylates phosphatidylinositol and similar compounds, creating second messengers important in growth signaling pathways. PI3K functions as a heterodimer of a regulatory and a catalytic subunit. The protein encoded by this gene is a regulatory component of PI3K. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene
Other Notes	Small volumes of anti-PIK3R2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PIK3R2 purchase	MBS8590713 is an antibody targeting PIK3R2. Also known as PIK3R2 Antibody. Reactive in Human, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PIK3R2. It may not necessarily be applicable to this product.

NCBI GI #	4826908
NCBI GeneID	5296
NCBI Accession #	NP_005018.1
UniProt Primary Accession #	O00459
UniProt Secondary Accession #	Q5EAT5; Q9UPH9
UniProt Related Accession #	O00459
GenBank Nucleotide #	NM_005027.3
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
UniProt Protein Name	Phosphatidylinositol 3-kinase regulatory subunit beta
UniProt Synonym Protein Names	Phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta
Protein Family	Phosphatidylinositol 3-kinase regulatory
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
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
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