

anti-Human PIK3R1 Antibody | anti-PIK3R1 antibody

PIK3R1 Antibody

CATALOG # AAA108538	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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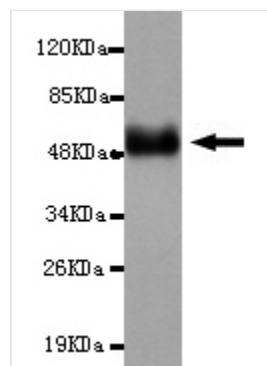
PRODUCT SYNONYMS

PIK3R1; PIK3R1 Antibody; Mouse monoclonal IgG to PIK3R1; anti-PIK3R1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Purity/Purification	Protein G-Sepharose affinity purified.
Form/Format	Liquid
Sequence Length	724
Applicable Applications for anti-PIK3R1 antibody	WB (Western Blot), ELISA
Immunogen	Recombinant fragment of Human PIK3R1 (C-terminus).
Preservative	0.02% Sodium Azide and 50% glycerol, 1% BSA, PBS, pH7.4.
Cellular Localization	Plasma membrane
Preparation and Storage	Aliquot and store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data

PIK3R1 antibody at 1/2000 dilution interacts with recombinant PIK3R1 protein with a DsbA tag. Predicted band size: 57kDa. Observed band size: 57kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-PIK3R1 antibody	Phosphatidylinositol 3-kinase phosphorylates the inositol ring of phosphatidylinositol at the 3-prime position. The enzyme comprises a 110 kD catalytic subunit and a regulatory subunit of either 85, 55, or 50 kD. This gene encodes the 85 kD regulatory subunit. Phosphatidylinositol 3-kinase plays an important role in the metabolic actions of insulin, and a mutation in this gene has been associated with insulin resistance.
Product Categories/Family for anti-PIK3R1 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	32455248
NCBI GeneID	5295
NCBI Accession #	NP_852664.1
NCBI GenBank Nucleotide #	NM_181523.1
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 1
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/human-antibody/pik3r1/108538>