

Rabbit PIK3R5 Polyclonal Antibody | anti-PIK3R5 antibody

PIK3R5 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200451	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

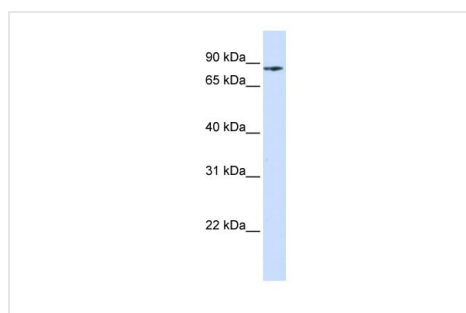
PRODUCT SYNONYMS

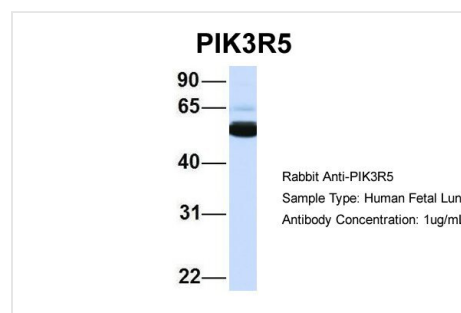
PIK3R5; Polyclonal Antibody; PIK3R5 antibody - N-terminal region; anti-PIK3R5 antibody

PRODUCT SPECIFICATIONS

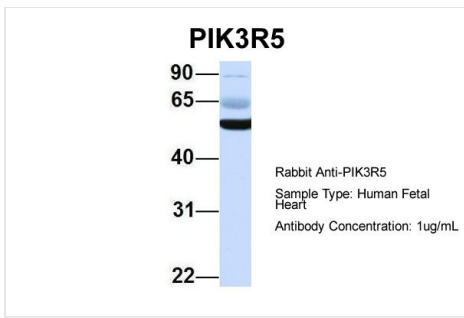
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: HR FLTPVPYCS ICQELLTFID AELKAPGISY QRLVRAEQGL PIRSHRSS
Sequence Length	880
Applicable Applications for anti-PIK3R5 antibody	WB (Western Blot)
Homology	Cow: 92%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PIK3R5
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

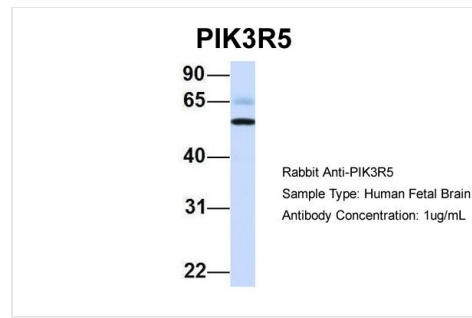
WB Suggested Anti-PIK3R5 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:1562500
Positive Control: Human Placenta

WB (Western Blot)

Host: Rabbit
Target Name: PIK3R5
Sample Type: Human Fetal Lung
Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: PIK3R5Sample Type: Human Fetal HeartAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: PIK3R5Sample Type: Human Fetal BrainAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PIK3R5 antibody

This is a rabbit polyclonal antibody against PIK3R5. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: Receptor-regulated class I phosphoinositide 3-kinases (PI3Ks) phosphorylate the membrane lipid phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P2) to PtdIns(3,4,5)P3, which in turn recruits and activates cytosolic effectors involved in proliferation, survival, or chemotaxis. PIK3R5 is a PI3K regulatory subunit. Receptor-regulated class I phosphoinositide 3-kinases (PI3Ks) phosphorylate the membrane lipid phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P2) to PtdIns(3,4,5)P3, which in turn recruits and activates cytosolic effectors involved in proliferation, survival, or chemotaxis. PIK3R5 is a PI3K regulatory subunit (Brock et al., 2003 [PubMed 12507995]). [supplied by OMIM]. Sequence Note: removed 2 bases from the 3' end that did not align to the reference genome assembly. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-3253 AF128881.1 1-3253

Product Categories/Family for anti-PIK3R5 antibody

[Polyclonal](#); [Various](#); [Apoptosis](#); [Membrane & Traffic](#); [Hepatitis C](#); [Pathways In Cancer](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	217330622
NCBI GeneID	23533
NCBI Accession #	NP_055123
NCBI GenBank Nucleotide #	NM_014308
UniProt Accession #	Q8WYR1
Molecular Weight	97kDa
NCBI Official Full Name	phosphoinositide 3-kinase regulatory subunit 5 isoform 1
NCBI Official Synonym Full Names	phosphoinositide-3-kinase regulatory subunit 5
NCBI Official Symbol	PIK3R5
NCBI Official Synonym Symbols	p101; FOAP-2; P101-PI3K; F730038I15Rik
NCBI Protein Information	phosphoinositide 3-kinase regulatory subunit 5
UniProt Protein Name	Phosphoinositide 3-kinase regulatory subunit 5
UniProt Gene Name	PIK3R5
UniProt Synonym Gene Names	PI3-kinase regulatory subunit 5
UniProt Entry Name	PI3R5_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://www.aaabiotech.com/polyclonal/pik3r5-antibody-western-blot-elisa/200451>