

Rabbit PIK3R3 Polyclonal Antibody | anti-PIK3R3 antibody

PIK3R3 Polyclonal Antibody

CATALOG # AAA169546	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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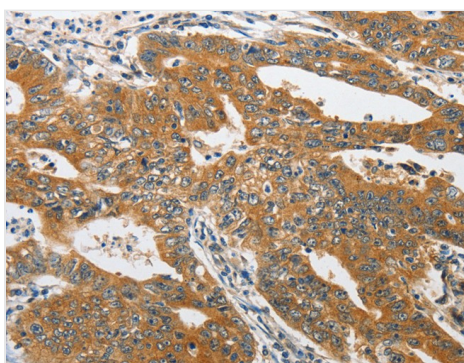
PRODUCT SYNONYMS

PIK3R3; Polyclonal Antibody; PIK3R3 Polyclonal Antibody; p55; p55-GAMMA; anti-PIK3R3 antibody

PRODUCT SPECIFICATIONS

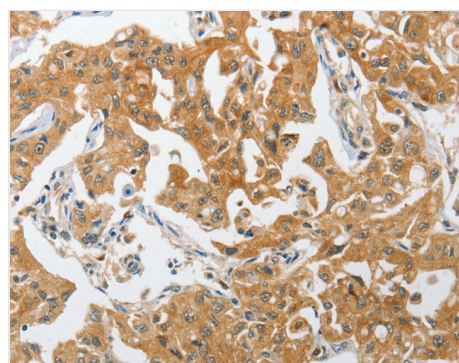
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	478
Applicable Applications for anti-PIK3R3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human PIK3R3
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



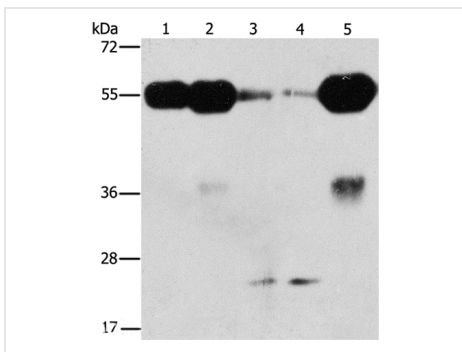
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human gastric cancer using PIK3R3 Polyclonal Antibody at dilution of 1:25



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer using PIK3R3 Polyclonal Antibody at dilution of 1:25



WB (Western Blot)

Western Blot analysis of Mouse brain, Human fetal brain and Mouse testis tissue, hela cell and Human fetal kidney tissue using PIK3R3 Polyclonal Antibody at dilution of 1:250

ADDITIONAL INFORMATION

Related Product Information for anti-PIK3R3 antibody

Phosphatidylinositol 3-kinase is a lipid kinase that phosphorylates the inositol ring of phosphatidylinositol and related compounds at the 3' position. PI 3-kinase p55 (PIK3R3) is comprised of a catalytic subunit and a regulatory subunit. The human p55 protein is composed of a rare amino terminal region followed by a proline-rich motif and two Src homology 2 (SH2) domains. PI 3-kinase p55 mRNAs are expressed in most human fetal and adult tissues; predominant expression is observed in the adult testis. Splice variant(s) of PI 3-kinase p55 have been identified; one of which has a deletion of 36 amino acids at the amino terminus and another which has an insertion of 59 amino acids at position 256 between the SH2 domains. Research suggests that PI 3-kinase p55 interacts with the IGFIR (Insulin-like growth factor-I receptor) and IR (Insulin receptor) and may be involved in PI 3-kinase activation by these receptors.

NCBI AND UNIPROT INFORMATION

NCBI GI #	742641593
NCBI GeneID	8503
NCBI Accession #	NP_001290357.1
NCBI GenBank Nucleotide #	NM_001303428.1
Molecular Weight	43,465 Da
NCBI Official Full Name	phosphatidylinositol 3-kinase regulatory subunit gamma isoform 3
NCBI Official Synonym Full Names	phosphoinositide-3-kinase, regulatory subunit 3 (gamma)
NCBI Official Symbol	PIK3R3
NCBI Official Synonym Symbols	p55; p55PIK; p55-GAMMA
NCBI Protein Information	phosphatidylinositol 3-kinase regulatory subunit gamma; PI3-kinase regulatory subunit gamma; PI3-kinase subunit p55-gamma; PI3K regulatory subunit gamma; phosphatidylinositol 3-kinase 55 kDa regulatory subunit gamma; phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 3 (p55, gamma); phosphoinositide-3-kinase, regulatory subunit, polypeptide 3 (p55, gamma); ptdIns-3-kinase regulatory subunit p55-gamma
UniProt Protein Name	Phosphatidylinositol 3-kinase regulatory subunit gamma
UniProt Gene Name	PIK3R3
UniProt Synonym Gene Names	PI3-kinase regulatory subunit gamma; PI3K regulatory subunit gamma; PtdIns-3-kinase regulatory subunit gamma; PI3-kinase subunit p55-gamma; PtdIns-3-kinase regulatory subunit p55-gamma
UniProt Entry Name	P55G_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.

