

Rabbit PI3 Kinase p85 beta Polyclonal Antibody | anti-PI3 antibody

PI3 Kinase p85 beta Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281788	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

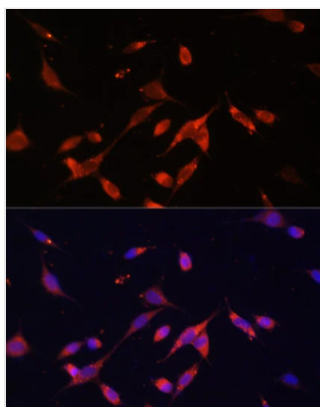
PRODUCT SYNONYMS

PI3 Kinase p85 beta; Polyclonal Antibody; PI3 Kinase p85 beta Rabbit pAb; MPPH; MPPH1; P85B; p85; p85-BETA; PIK3R2; anti-PI3 antibody

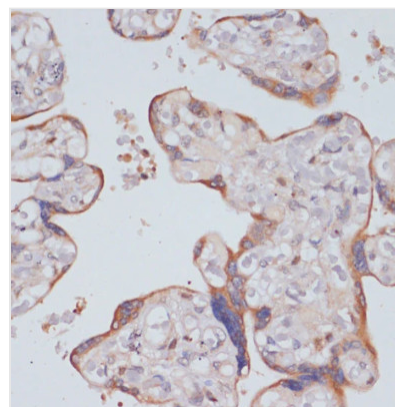
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-PI3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PI3 Kinase p85 beta
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

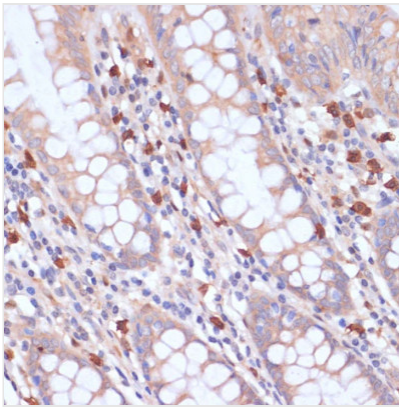
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 using PI3 Kinase p85 beta antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

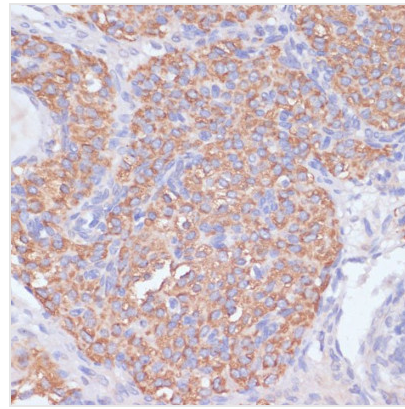

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using PI3 Kinase p85 beta antibody at dilution of 1:200 (40xlens).



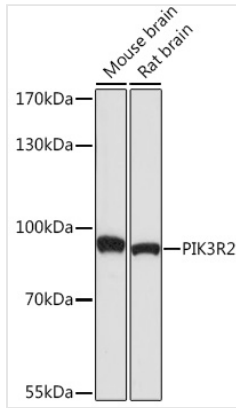
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon using PI3 Kinase p85 beta antibody at dilution of 1:200 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat ovary using PI3 Kinase p85 beta antibody at dilution of 1:200 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PI3 Kinase p85 beta antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-PI3 antibody	Background: 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.
Product Categories/Family for anti-PI3 antibody	Epigenetics & Nuclear Signaling; Translation Control; Regulation of eIF4 and p70 S6 Kinase; Research; Signal Transduction; mTOR Signaling Pathway; Research; Signal Transduction; Protein Kinase C Signaling Pathway; Research; Signal Transduction; Er

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/pi3-kinase-p85-beta-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281788>