

Mouse anti-Mouse, Rat PI3K p85 alpha Monoclonal Antibody | anti-PIK3R1 antibody

Anti-PI3K p85 alpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260404	Mouse	Mouse, Rat	Immunohistochemistry, Western Blot

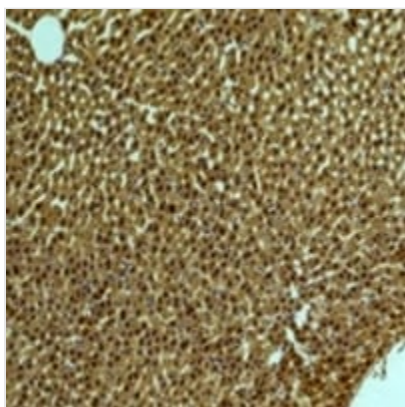
PRODUCT SYNONYMS

PI3K p85 alpha; Monoclonal Antibody; Anti-PI3K p85 alpha Antibody; GRB1; Phosphatidylinositol 3-kinase regulatory subunit alpha; PI3-kinase regulatory subunit alpha; PI3K regulatory subunit alpha; PtdIns-3-kinase regulatory subunit alpha; Phosphatidylinositol 3-kinase 85 kDa regulatory subunit alpha; PI3-kinase subunit p85-alpha; PtdIns-3-kinase regulatory subunit p85-alpha; anti-PIK3R1 antibody

PRODUCT SPECIFICATIONS

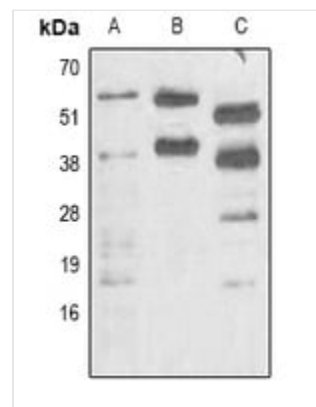
Host	Mouse
Reactivity	Mouse, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of PI3K p85 alpha protein.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	724
Applicable Applications for anti-PIK3R1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein corresponding to mouse PI3K p85 alpha.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of PI3K p85 alpha staining in rat liver, mouse brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of PI3K p85 alpha expression in NIH3T3 (A), rat liver (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PIK3R1 antibody	Mouse monoclonal to PI3K p85 alpha
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NCBI AND UNIPROT INFORMATION

NCBI GI #	341941221
NCBI GeneID	18708
UniProt Accession #	P26450; Q8K3B3
Molecular Weight	83,517 Da
NCBI Official Full Name	Phosphatidylinositol 3-kinase regulatory subunit alpha
NCBI Official Synonym Full Names	phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 1 (p85 alpha)
NCBI Official Symbol	Pik3r1
NCBI Official Synonym Symbols	PI3K; p50alpha; p55alpha; p85alpha
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	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
UniProt Entry Name	P85A_MOUSE

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/monoclonal/pi3k-p85-alpha-antibody-immunohistochemistry-western-blot-elisa/260404>