

Mouse anti-Human PIK3CA H1047R Monoclonal Antibody | anti-PIK3CAH1047R antibody

PIK3CA H1047R (ABT453) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30911	Mouse	Human	Immunohistochemistry, Western Blot, Immunofluorescence, ELISA

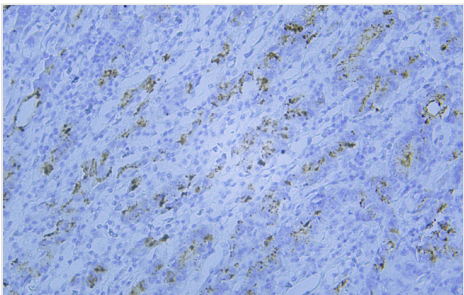
PRODUCT SYNONYMS

PIK3CA H1047R; Monoclonal Antibody; PIK3CA H1047R (ABT453) Antibody; 5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha; 5-bisphosphate 3-kinase catalytic subunit alpha isoform; caPI3K; CLOVE; CWS5; MCAP; MCM; MCMT; MCMTC; MGC142161; MGC142163; p110 alpha; p110alpha; Phosphatidylinositol 3 kinase catalytic alpha polypeptide; Phosphatidylinositol 3 kinase catalytic 110 KD alpha; Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha; Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha isoform; Phosphatidylinositol 4; 5 bisphosphate 3 kinase 110 kDa catalytic subunit alpha; Phosphatidylinositol-4; Phosphoinositide 3 kinase catalytic alpha polypeptide; PI 3 Kinase catalytic subunit alpha; PI3 kinase p110 subunit alpha; PI3-kinase subunit alpha; PI3K; PI3K-alpha; PI3KC A; PIK3C A; Pik3ca; PK3CA; PK3CA_HUMAN; PtdIns 3 kinase p110; PtdIns-3-kinase subunit alpha; PtdIns-3-kinase subunit p110-alpha; Serine/threonine protein kinase PIK3CA; 5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha?5-bisphosphate 3-kinase catalytic subunit alpha isoform?caPI3K?CLOVE?CWS5?MCAP?MCM?MCMTC?MGC142161?MGC142163?p110 alpha?p110alpha?Phosphatidylinositol 3 kinase catalytic alpha polypeptide?Phosphatidylinositol 3 kinase catalytic 110 KD alpha?Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha?Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha isoform?Phosphatidylinositol 4; 5 bisphosphate 3 kinase 110 kDa catalytic subunit alpha?Phosphatidylinositol-4?Phosphoinositide 3 kinase catalytic alpha polypeptide?PI 3 Kinase catalytic subunit alpha?PI3 kinase p110 subunit alpha?PI3-kinase subunit alpha?PI3K?PI3K-alpha?PI3KC A?PIK3C A?Pik3ca?PK3CA?PK3CA_HUMAN?PtdIns 3 kinase p110?PtdIns-3-kinase subunit alpha?PtdIns-3-kinase subunit p110-alpha?Serine/threonine protein kinase PIK3CA; anti-PIK3CAH1047R antibody

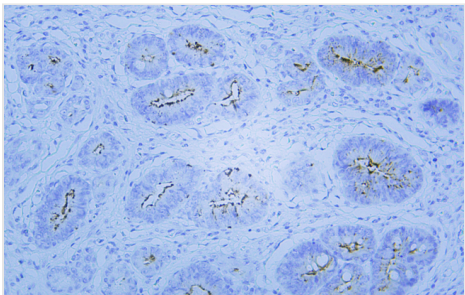
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b, kappa
Clone Number	ABT453
Specificity	The antibody can specifically recognize the h1047r mutation of human PIK3CA protein, and does not react with wild-type PIK3CA protein.
Purity/Purification	Protein G
Form/Format	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Applicable Applications for anti-PIK3CAH1047R antibody	IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence), ELISA
Application Notes	IHC: 1:200-1000 WB: 1:500-2000 IF: 1:100-500 ELISA: 1:1000-5000
Preparation and Storage	Store at -20 degree C/1 year

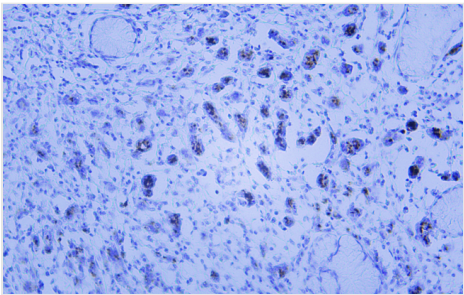
IMAGES



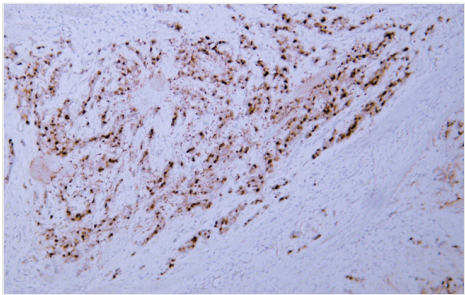
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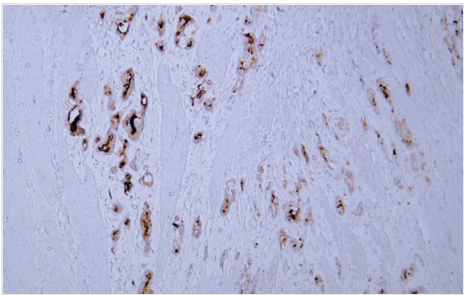
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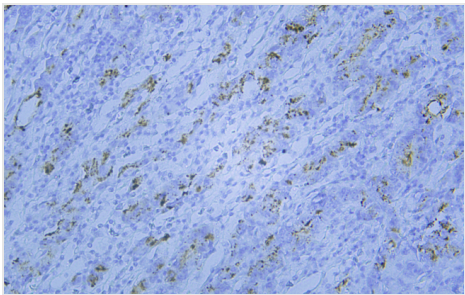
Application Data



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Application Data



SDS-PAGE
K562 whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-PIK3CA H1047R (ABT453) antibody. The HRP-conjugated Goat anti-M

ADDITIONAL INFORMATION

Product Categories/Family for anti-PIK3CAH1047R antibody	Primary Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126302584
NCBI GeneID	5290
UniProt Accession #	P42336; Q14CW1; Q99762
Molecular Weight	1068
NCBI Official Full Name	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform
NCBI Official Synonym Full Names	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha
NCBI Official Symbol	PIK3CA
NCBI Official Synonym Symbols	MCM; CWS5; MCAP; PI3K; CLOVE; MCMTC; p110-alpha

NCBI Protein Information	phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform; PI3K-alpha; PI3-kinase p110 subunit alpha; ptdIns-3-kinase subunit p110-alpha; serine/threonine protein kinase PIK3CA; phosphatidylinositol 3-kinase, catalytic, 110-KD, alpha;
UniProt Protein Name	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform
UniProt Gene Name	PIK3CA
UniProt Synonym Gene Names	PI3-kinase subunit alpha; PI3K-alpha; PI3Kalpha; PtdIns-3-kinase subunit alpha; PtdIns-3-kinase subunit p110-alpha; p110alpha
UniProt Entry Name	PK3CA_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/monoclonal/pik3ca-h1047r-antibody-clone-abt453-immunohistochemistry-western-blot-immunofluorescence-elisa/30911>