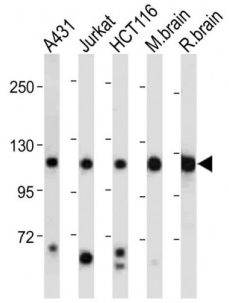
Phosphatidylinositol 4,5-Bisphosphate 3-Kinase Catalytic Subunit Alpha Isoform (PI3KCA) Antibody

Catalogue No.:abx025137



WB analysis of A431 whole cell lysate, Jurkat whole cell lysate, HCT116 whole cell lysate, Mouse brain tissue lysate, and Rat brain tissue lysate, using PI3KCA antibody (1/2000 dilution). Predicted band size: 124 kDa.

Phosphatidylinositol 3-kinase is composed of an 85 kDa regulatory subunit and a 110 kDa catalytic subunit. The protein encoded by this gene represents the catalytic subunit, which uses ATP to phosphorylate PtdIns, PtdIns4P and PtdIns (4, 5) P2. This gene has been found to be oncogenic and has been implicated in cervical cancers.

Target:	Phosphatidylinositol 4,5-Bisphosphate 3-Kinase Catalytic Subunit Alpha Isoform (PI3KCA)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 504-533 amino acids from the Central region of human PI3KCA.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P42336 (UniProt, ExPASy)

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KEGG:	hsa:5290
String:	9606.ENSP00000263967
Molecular Weight:	Calculated MW: 124 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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