

Anti-Phospho-PI3KCA (Y317) Rabbit Polyclonal Antibody



Catalog #: 52396

Aliases

PI3K; Phosphatidylinositol 4,5-Bisphosphate 3-Kinase Catalytic Subunit; Alpha Isoform; Phosphoinositide-3-Kinase, Catalytic, Alpha Polypeptide; Serine/Threonine Protein Kinase PIK3CA PtdIns-3-Kinase Subunit P110-Alpha; Phosphoinositide 3-Kinase Alpha; PI3K-Alpha; Phosphatidylinositol-4,5-Bisphosphate 3-Kinase 110 KDa Catalytic Subunit Alpha; Phosphatidylinositol 4,5-Bisphosphate 3-Kinase 110 KDa Catalytic Subunit Alpha; Mutant Phosphatidylinositol-4,5-Bisphosphate 3-Kinase Catalytic Subunit Alpha; Phosphatidylinositol-4,5-Bisphosphate 3-Kinase, Catalytic Subunit Alpha; Phosphatidylinositol 3-Kinase, Catalytic, Alpha Polypeptide; Phosphatidylinositol 3-Kinase, Catalytic, 110-KD, Alpha; Phosphoinositide-3-Kinase Catalytic Alpha Polypeptide; PI3-Kinase P110 Subunit Alpha; PtdIns-3-Kinase Subunit Alpha; PI3-Kinase Subunit Alpha; EC 2.7.1.137; EC 2.7.1.153; EC 2.7.11.1; P110-Alpha; PI3Kalpha; P110alpha; EC 2.7.1.48; CLAPO; CLOVE; MCMTC; CCM4; CWS5; MCAP; MCM

Background

Gene Name: PIK3CA

NCBI Gene Entry: [5290](#)

UniProt Entry: [P42336](#)

Application Information

Molecular Weight: Predicted, 124 kDa; observed, 120 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse

Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Phospho-PI3KCA (Y317)

Isotype

Rabbit IgG

Storage Buffer

Supplied in 0.01M TBS (pH7.4) containing 50% glycerol, 1% BSA and 0.02% Proclin300.

Storage

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Store at -20 °C for one year.

Recommended Dilutions

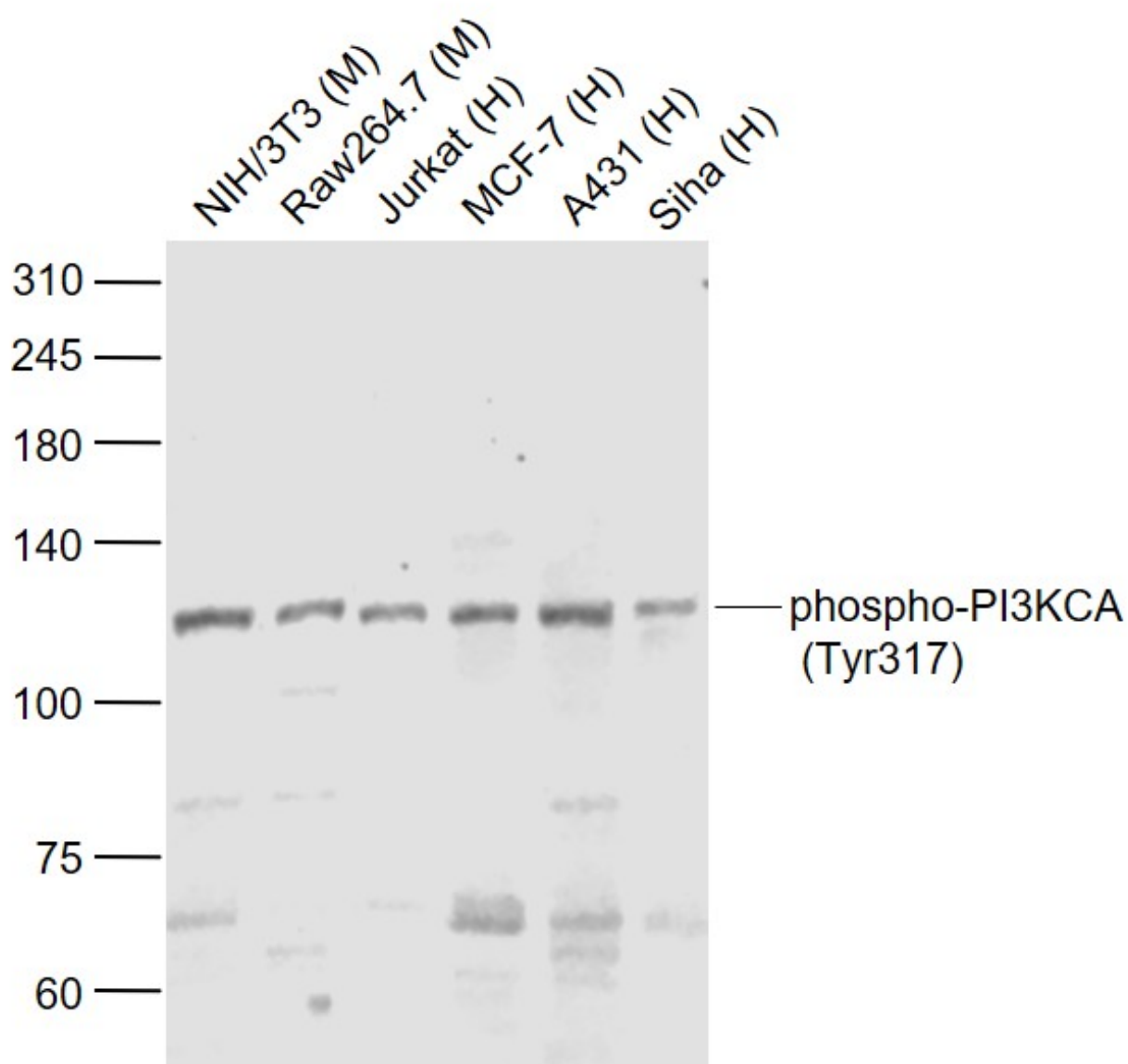
Western Blotting (WB): 1:500-1:2,000

Immunohistochemistry (IHC): 1:100-1:500

Immunocytochemistry (IC): 1:100-1:500

Note: This product is for research use only.

Validation Data



Western blotting analysis using anti-Phospho-PI3KCA (Y317) antibody (Cat#52396). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was

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incubated with anti-Phospho-PI3KCA (Y317) antibody (Cat#52396, 1:1,000) and IRDye800CW Goat Anti-Rabbit IgG (Cat#201, 1:20,000) respectively.

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