

PIK3CA(H1047R)

Catalog Number: 21146

Gene Symbol: PIK3CA

Description: Anti-PIK3CA(H1047R) Rabbit Polyclonal Antibody

Background: Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha isoform. Phosphorylates PtdIns, PtdIns4P and PtdIns(4,5)P2 with a preference for PtdIns(4,5)P2. Belongs to the PI3/PI4-kinase family. Located to cytosol, lamellipodium and phosphatidylinositol 3-kinase complex.

Immunogen: A synthetic peptide from the internal region of PIK3CA(H1047R) of human origin.

Tested Applications: ELISA, WB, IP, IHC,

Recommended Dilutions:

ELISA: 1:1000-1:5000

WB: 1:100-1:1000

IP: 1:10-1:100

IHC: 1:10-1:100

Concentration: 0.1 mg/ml

Host: Rabbit

Clonality: Polyclonal

Purity: Purified from serum

Format: Liquid

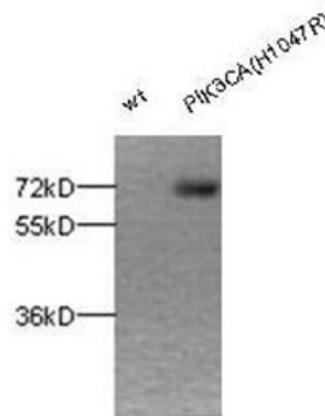
Preservative: No

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH7.4, 150 mM NaCl, 50% glycerol

Species Reactivity: Anti-PIK3CA(H1047R) antibody recognizes PIK3CA(H1047R) of vertebrates, but not the wildtype PIK3CA.

Storage Conditions: Store at -20°C. Avoid repeated freezing and thawing

Western blot:



Western blot analysis of recombinant PIK3CA(H1047R) and wild type PIK3CA proteins.

Purified His-tagged PIK3CA(H1047R) protein (Cat. # 10164) and wild type PIK3CA protein were blotted with anti-PIK3CA(H1047R) rabbit antibody (Cat. # 21146).

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