

PIK3CA(H1047R) PAB

PIK3CA(H1047R) Polyclonal Antibody

Cat. #: 21146

Size: 100 µL

Gene Symbol: PIK3CA(H1047R)

Description: Anti-PIK3CA(H1047R) Rabbit Polyclonal Antibody

Background: Phosphatidylinositol 3-kinase is composed of an 85 kDa regulatory subunit and a 110 kDa catalytic subunit. The catalytic subunit is encoded by the PIK3CA gene. It phosphorylates PtdIns, PtdIns4P and PtdIns(4,5)P2. The PIK3CA gene is one of the most frequently mutated genes in human cancers.

Immunogen: A synthetic peptide around the H1047R region of PIK3CA, human origin.

Applications: ELISA, WB, IHC, IP

Recommended Dilutions:

ELISA: 1:100–1:5000

WB: 1:100–1:1000

IHC: 1:10–1:100

Concentration: 0.1 mg/ml

Host Species: Rabbit

Format: Liquid

Clonality: Polyclonal

Isotype: IgG

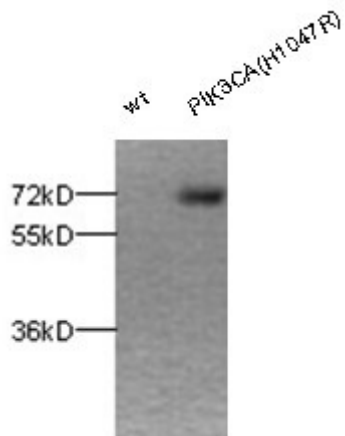
Purity: Purified from serum

Preservative: No

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 50% glycerol

Species Reactivity: Anti-PIK3CA(H1047R) antibody recognizes PIK3CA(H1047R) of vertebrates.

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).