

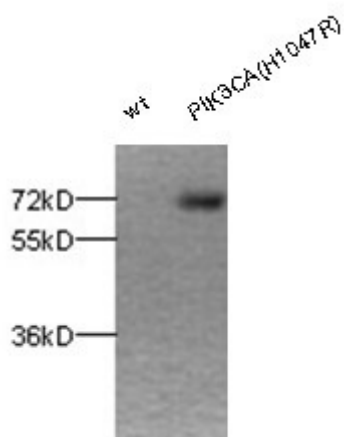
**PIK3CA(H1047R) PAB****PIK3CA(H1047R) Polyclonal Antibody****Cat. #:** 21146**Size:** 100 µL**Gene Symbol:** PIK3CA(H1047R)**Description:** Anti-PIK3CA(H1047R) Rabbit Polyclonal Antibody**Background:** Phosphatidylinositol 3-kinase is composed of an 85 kDa regulatory subunit and a 110 kDa catalytic 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  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150 mM NaCl, 50% glycerol**Species Reactivity:** Anti-PIK3CA(H1047R) antibody recognizes PIK3CA(H1047R) of vertebrates.**Storage Conditions:** Store at  $-20^{\circ}C$ . 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).