

PIK3CA(E545K) PAB

PIK3CA(E545K) Polyclonal Antibody

Cat. #: 21145

Size: 100 µL

Gene Symbol: PIK3CA(E545K)

Description: Anti-PIK3CA(E545K) 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 from the internal region of PIK3CA(E545K) of 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: 0.2 mg/ml

Host Species: Rabbit

Format: Liquid

Clonality: Polyclonal

Purity: Purified from serum

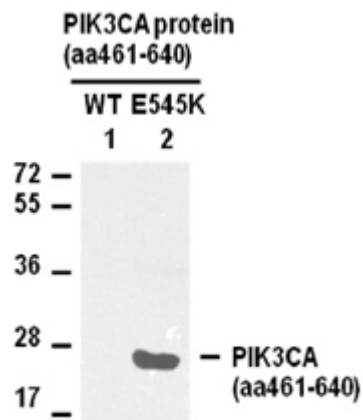
Preservative: No

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

Species Reactivity: Anti-PIK3CA(E545K) antibody recognizes PIK3CA(E545K) of vertebrates.

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

Western blot:



WB: anti-PIK3CA(E545K) pAb

Western blot analysis of PIK3CA wild type and E545K proteins. Equal amounts of purified PIK3CA(E545K)(amino acids 461-640) and corresponding wild type proteins were loaded and blotted with Anti-PIK3CA(E545K) rabbit polyclonal antibody (Cat. # 21145).