

Product Description

PIK3CA(E545K)

Catalog Number: 21145

Gene Symbol: PIK3CA

Description: Anti-PIK3CA(E545K) 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 (E545K) 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: 0.2 mg/ml

Host: Rabbit

Clonality: Polyclonal

Purity: Purified from serum

Format: Liquid

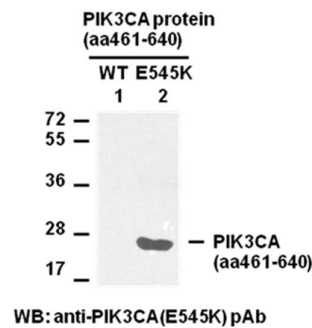
Preservative: No

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

Species Reactivity: Anti-PIK3CA(E545K) antibody recognizes PIK3CA(E545K) of vertebrates, but not the wildtype PIK3CA.

Storage Conditions: Store at -20°C. Avoid freeze / thaw cycles

Western blot:



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 was loaded and blotted with anti-PIK3CA(E545K) rabbit polyclonal antibody (Cat. # 21145).

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