

PIK3CA

Reactivity: Human Mouse Rat

Tested applications: WB IHC IP

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IP 1:20 - 1:50

Calculated MW: 124kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human PIK3CA

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

bq

Synonym:

PIK3CA;MGC142161;MGC142163;PI3K;p110-alpha ;

Catalog #: A2460

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5290

Isotype: IgG

Swiss Prot: P42336

Purity: Affinity purification

For research use only.

Background:

PIK3CA belongs to the PI3/PI4-kinase family. It phosphorylates PtdIns, PtdIns4P and PtdIns(4,5)P2 with a preference for PtdIns(4,5)P2. Defects in PIK3CA are associated with colorectal cancer (CRC). Defects in PIK3CA are associated with breast cancer. Defects in PIK3CA are associated with ovarian cancer. Defects in PIK3CA may underlie hepatocellular carcinoma (HCC). Defects in PIK3CA are a cause of keratosis seborrheic (KERSEB). The antibody is specific to PIK3CA.

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