

## 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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