

PIK3CA

Reactivity: Human Mouse Rat

Tested applications: WB IHC IP FC

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

Calculated MW: 124kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein 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:

MCM; CWS5; MCAP; PI3K; CLOVE; MCMTC; p110-alpha

Catalog #: A6509

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5290

Isotype: IgG

Swiss Prot: P42336

Purity: Affinity purification

For research use only.

Background:

Phosphatidylinositol 3-kinase is composed of an 85 kDa regulatory subunit and a 110 kDa catalytic subunit. The protein encoded by this gene represents the catalytic subunit, which uses ATP to phosphorylate PtdIns, PtdIns4P and PtdIns(4,5)P2. This gene has been found to be oncogenic and has been implicated in cervical cancers.

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