

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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