

PIK3CA Rabbit pAb

Catalog No.: A16950 **2 Publications**

Basic Information

Observed MW

110kDa

Calculated MW

124kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

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. A pseudogene of this gene has been defined on chromosome 22.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

5290

Swiss Prot

P42336

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 401-600 of human PIK3CA (NP_006209.2).

Synonyms

MCM; CCM4; CWS5; MCAP; PI3K; CLAPO; CLOVE; MCMTC; PI3K-alpha; p110-alpha; PIK3CA

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.