

A2460

Leader in Biomolecular Solutions for Life Science



PIK3CA Rabbit pAb

Catalog No.: A2460

Basic Information

Observed MW

114kDa

Calculated MW

124kDa

Category

Polyclonal Antibody

Applications

WB,IP

Cross-Reactivity

Human,Mouse,Rat

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 - 1:2000

IP 1:20 - 1:50

Immunogen Information

Gene ID

5290

Swiss Prot

P42336

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

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

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

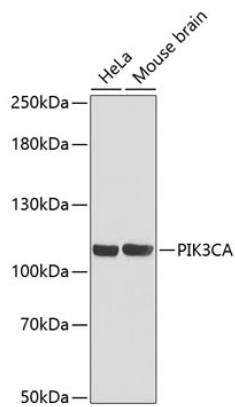
Affinity purification

Storage

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

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

Validation Data



Western blot analysis of various lysates using PIK3CA Rabbit pAb (A2460).

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.