

PIK3CA Rabbit pAb

Catalog No.: A6509

Basic Information

Observed MW

124kDa

Calculated MW

124kDa

Category

Polyclonal Antibody

Applications

WB,IP,FC

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
FC	1:20 - 1:50

Immunogen Information

Gene ID

5290

Swiss Prot

P42336

Immunogen

Recombinant protein (or fragment).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

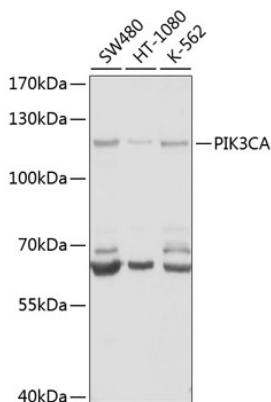
Product Information

Source	Isotype	Purification
Rabbit	IgG	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 (A6509) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.