

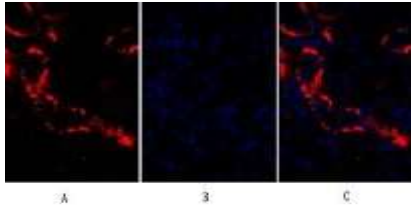
PI 3-kinase p110 α Rabbit Polyclonal Antibody

OPR3197

Reactivity	H, M, R	Storage	-20°C, Avoid freeze / thaw cycles
Host	Rabbit	Applications	WB; IHC; IF; ELISA
Isotype	IgG	Concentration	1 mg/mL

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunofluorescence analysis of rat-kidney tissue. 1, PI 3-kinase p110 α Polyclonal antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50 minutes). 3, Picture B: DAPI (blue) 10 minutes. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human PI 3-kinase p110 α . AA range:470-519.

Synonyms PIK3CA; Phosphatidylinositol 4; 5bisphosphate 3-kinase catalytic subunit alpha isoform; PI3-kinase subunit alpha; PI3K-alpha; PI3Kalpha

Product Information

Observed MW	110kD
Buffer	PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Dilution	WB:-1/500-1/2000, IHC:- 1/100 – 1/300, ELISA:- 1/40000, IF:- 1:50 -200

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user

Background

PtdIns-3-kinase subunit alpha; Phosphatidylinositol 4,5-bisphosphate 3-kinase 110 kDa catalytic subunit 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.

Research Use

For research use only, not for use in diagnostic procedure

Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z- Zebrafish; X-Xenopus; C-Cow,Is-Insect, Ys- yeast.

Please contact Origin Diagnostics and Research for further assistance

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