PIK3CA Polyclonal Antibody

catalog number: E-AB-60054

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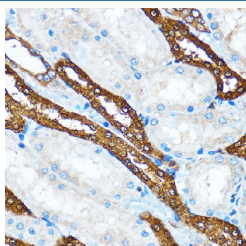
Description

|	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human PIK3CA (NP_006209.2).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

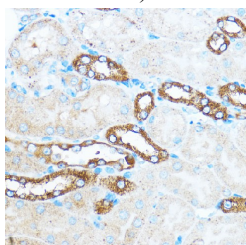| Applications	Recommended Dilution
IHC	1:50-1:100
IF	1:50-1:100

Data

Immunohistochemistry of paraffin-embedded Rat kidney using PIK3CA Polyclonal Antibody at dilution of 1:100 (40x lens).
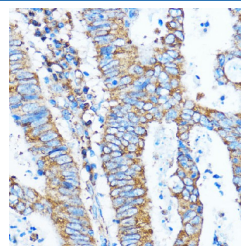

Immunohistochemistry of paraffin-embedded Human colon carcinoma using PIK3CA Polyclonal Antibody at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded Mouse kidney using PIK3CA Polyclonal Antibody at dilution of 1:100 (40x lens).
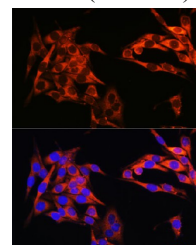
Immunofluorescence analysis of HeLa cells using PIK3CA Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.
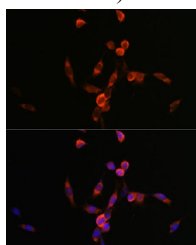
Immunofluorescence analysis of NIH/3T3 cells using PIK3CA Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Preparation & Storage

Toll-free: 1-888-852-8623
Web:www.elabscience.com

Tel: 1-832-243-6086
Email:techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.6

| **Storage** | Store at -20℃ Valid for 12 months. Avoid freeze / thaw cycles. |
| **Shipping** | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

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.

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