

Rabbit PI3K Polyclonal Antibody | anti-PI3K antibody

PI3K antibody

CATALOG # AAA17933	HOST Rabbit	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

PI3K; Polyclonal Antibody; PI3K antibody; Polyclonal PI3K; Anti-PI3K; PIK-3; P85 alpha; PIK 3; Phosphoinositide 3-kinase; anti-PI3K antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Purity/Purification	PI3K antibody was purified by immunoaffinity chromatography
Form/Format	Liquid in PBS (without MG2+ and Ca2+), pH 7.4, 150 mm NaCl, 0.02% Sodium Azide and 50% glycerol
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-PI3K antibody	IHC (Immunohistochemistry)
Application Notes	IHC: 1:50-1:100
Biological Significance	Phosphatidylinositol 3-kinases (PI 3-kinases or PI3Ks) are a family of enzymes involved in cellular functions such as cell growth, proliferation, differentiation, motility, survival and intracellular trafficking, which in turn are involved in cancer. In response to lipopolysaccharide, PI3K phosphorylates p65, inducing anandamide synthesis to inhibit NF- κ B activation. This is under the control of FAAH limiting the ability of LPS to increase AEA levels and is also inhibited by wortmannin and cannabidiol, one of the only natural compounds to inhibit FAAH.
Cross-Reactivity	Human, Mouse, Rat
Immunogen	Peptide-KLH
Preparation and Storage	4°C short term, -20° C long term. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using PI3K P85 α /y/beta antibody (left) or the same antibody preincubated with with blocking peptide (right)

ADDITIONAL INFORMATION

Related Product Information for anti-PI3K antibody	Rabbit polyclonal PI3K antibody
Product Categories/Family for anti-PI3K antibody	Proteases ; Inhibitors ; & Enzymes

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pi3k-antibody-immunohistochemistry-elisa/17933>