

PI3K p110 α (R519) polyclonal antibody

Catalog: BS3456

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Phosphatidylinositol 3-kinase (PI 3-kinase) is composed of 85 kDa (p85) and 110 kDa (p110) subunits. p85 lacks PI 3-kinase activity and acts as an adapter, coupling p110 to activated protein tyrosine kinase. Two forms of p85 have been described (p85 α and p85 β), each possessing one SH3 and two SH2 domains. Various p110 isoforms have been identified. p110 α and p110 β interact with p85 α , and p110 α has also been shown to interact with p85 β in vitro. p110 δ expression is restricted to white blood cells. It has been shown to bind p85 α and β , but it apparently does not phosphorylate these subunits. p110 δ seems to have the capacity to autophosphorylate. p110 γ does not interact with the p85 subunits. It has been shown to be activated by α and β heterotrimeric G proteins.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 110 kDa

Swiss-Prot:

P42336

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC: 1:50~1:200

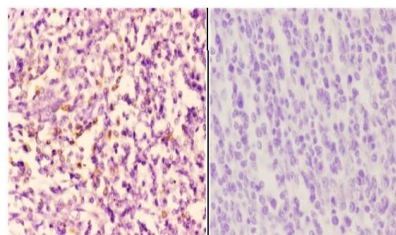
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

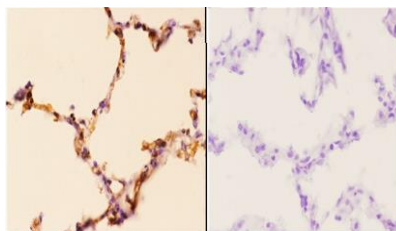
PI 3-kinase p110 α (R519) polyclonal antibody detects endogenous levels of PI 3-kinase p110 α protein.

DATA:



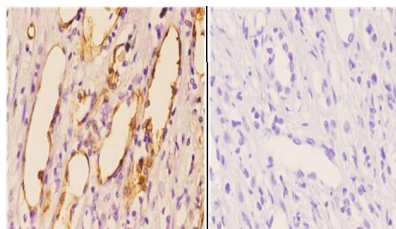
BS3456
Lot CA36131

Immunohistochemistry (IHC) analyzes of PI3K p110 α (R519) pAb in paraffin-embedded human tonsil carcinoma tissue at 1:50, showing cytoplasmic and nuclear staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.



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Lot CA36131

Immunohistochemistry (IHC) analyzes of PI3K p110 α (R519) pAb in paraffin-embedded human lung carcinoma tissue at 1:50, showing cytoplasmic and nuclear staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.



BS3456
Lot CA36131

Immunohistochemistry (IHC) analyzes of PI3K p110 α (R519) pAb in paraffin-embedded human kidney carcinoma tissue at 1:50, showing cytoplasmic and nuclear staining. Negative control (the right) Using PBS

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PRODUCT DATA SHEET

Bioworld Technology, Inc.

instead of primary antibody, secondary antibody is Goat Anti-Rabbit
IgG-biotin followed by avidin-peroxidase.

Note:

For research use only, not for use in diagnostic procedure.

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