

PIK3R6 polyclonal antibody

Catalog: BS60202

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

p87PIKAP (p87 PI3K adapter protein), also known as PIK3R6 (phosphoinositide-3-kinase, regulatory subunit 6), p84 or HsT41028, is a 754 amino acid cytoplasmic protein that functions as a regulatory subunit of the PI 3-kinase p110 complex. Expressed in heart, dendritic cells, macrophages and neutrophils, p87PIKAP drives PI 3-kinase p110 α activation, interacts with PDE3B and is thought to cause the two proteins to form a scaffolding interaction. The gene encoding p87PIKAP maps to human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. Like p53, BRCA1 is directly involved in DNA repair, though specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 84 kDa

Swiss-Prot:

Q5UE93

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:

WB: 1:500~1:1000

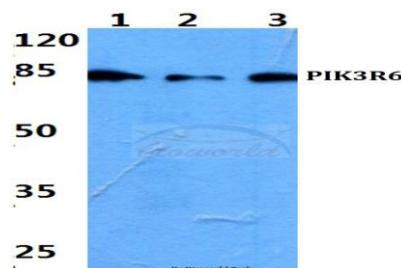
Storage&Stability:

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

Specificity:

PIK3R6 polyclonal antibody detects endogenous levels of PIK3R6 protein.

DATA:



Western blot (WB) analysis of PIK3R6 polyclonal antibody at 1:500 dilution

Lane1:HepG2 whole cell lysate

Lane2:Mouse brain tissue lysate

Lane3:Rat brain tissue lysate

Note:

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

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