

CABP0427

Product Information

Product SKU: CABP0427	Gene ID: 5295/5296/8503	Size: 20uL, 100uL
Clone No: -	Host Species: Rabbit	Reactivity: Human,Mouse,Rat

Additional Information

Observed MW: 85kDa	Conjugate: Unconjugated
Calculated MW: 42-54kDa/81-84kDa	Isotype: IgG

Immunogen Information

Background: Phosphatidylinositol 3-kinase phosphorylates the inositol ring of phosphatidylinositol at the 3-prime position. The enzyme comprises a 110 kD catalytic subunit and a regulatory subunit of either 85, 55, or 50 kD. This gene encodes the 85 kD regulatory subunit. Phosphatidylinositol 3-kinase plays an important role in the metabolic actions of insulin, and a mutation in this gene has been associated with insulin resistance. Alternative splicing of this gene results in four transcript variants encoding different isoforms. [provided by RefSeq, Jun 2011]

Recommended Dilution: WB,1:500 - 1:1000

Synonyms: PIK3R1/PIK3R2/PIK3R3; Phospho-PI3KP85 α /P55 γ /P85 β -Y467/Y464/Y199

Purification Method: Affinity purification

Immunogen: A phospho specific peptide corresponding to residues surrounding Y467 of human PIK3R1/2/3

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.