

Phospho-PIK3CA(Ser317) Ab

Cat.#: AF4369	Concn.: 1mg/ml	Mol.Wt.: 110kDa
Size: 50ul,100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application: WB 1:500-1:2000

Reactivity: Human,Mouse,Rat

Purification: The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.

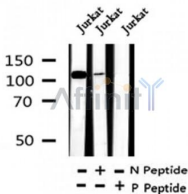
Specificity: Phospho-PIK3CA(Ser317) Ab detects endogenous levels of PIK3CA only when phosphorylated at Ser317

Immunogen: A synthesized peptide derived from human PIK3CA around the phosphorylation site of Ser317

Uniprot: P42336

Similarity: The PI3K-ABD domain and the PI3K-RBD domain interact with the PI3K/PI4K kinase domain. The C2 PI3K-type domain may facilitate the recruitment to the plasma membrane. The inhibitory interactions with PIK3R1 are mediated by the PI3K-ABD domain and the C2 PI3K-type domain with the iSH2 (inter-SH2) region of PIK3R1, and the C2 PI3K-type domain, the PI3K helical domain, and the PI3K/PI4K kinase domain with the nSH2 (N-terminal SH2) region of PIK3R1.Belongs to the PI3/PI4-kinase family.

Storage Condition and Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt



Western blot analysis of Phospho-PIK3CA(Ser317) in lysates of Jurkat , using Phospho-PIK3CA(Ser317) Ab(AF4369).

IMPORTANT: For western blot, incubate membrane with diluted Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.