

PI3-Kinase Polyclonal Antibody

CATALOG NO:	3959-30T	30 µg (Trial size)
	3959-100	100 µg
IMMUNOGEN:	Synthetic peptide surrounding amino acid 505 of mouse P13 kinase.	
INTERNAL ID:	BV-H40G	
HOST:	Rabbit	
SPECIES REACTIVITY:	Human, Mouse, Rat	

FORMULATION:

0.5 mg/ml affinity purified rabbit anti-PI3-Kinase polyclonal antibody in PBS, pH 7.2, 30% glycerol, 0.5% BSA, 0.5 mM EDTA and 0.03% proclin

STORAGE CONDITIONS:

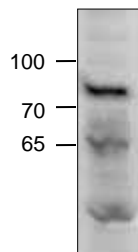
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

Phosphatidylinositol 3-kinase (PI 3-kinase), is a phosphoinositide-specific protein kinase that plays a central role in mitogenic signal transduction leading to cellular regulation, cell growth and differentiation, and oncogenesis. PI 3-kinase associates with, and is activated by a wide range of tyrosine kinase receptors including EGF, PDGF, CSF-1, erbB-3 and insulin receptor, non-receptor protein-tyrosine kinases of the src family (e.g. pp60src), and crk and abl proto-oncogene products. PI 3-kinase is involved in signal transduction in terminally differentiated, activated cells like platelets and neutrophils.

APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (1-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3959BP-50) is available separately.

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Cat. #:3959-100 PI3-Kinase Antibody. Western blot analysis of PI3-Kinase with lysate from Jurkat cells.

RELATED PRODUCTS:

- PI3Kβ Antibody (**Cat. No. 3146-100**)
- PI3Kβ Antibody (**Cat. No. 3152-100**)
- PI3K (p85α) Protein (**Cat. No. 7766-5,100**)
- PI3K Blocking Peptide (**Cat. No. 3959BP-50**)

