

Product name:	PI 3-kinase p85alpha
Cat number:	ABE8936
Conjugate:	Unconjugated
Size:	100ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Synthesized peptide derived from PI 3-kinase p85 α . at AA range: 550-630
Reactivity:	Hu,Ms,Rt,Pig
Applications:	IF,WB,IHC,ELISA
Molecular Weight:	54+83kD
Purification:	Affinity Purified
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5%BSAand0.02% sodium azide.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
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],