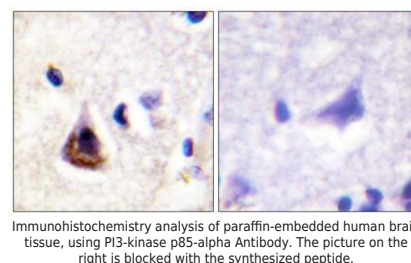
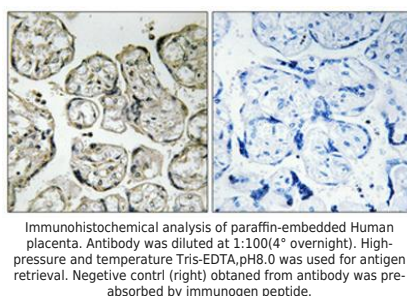
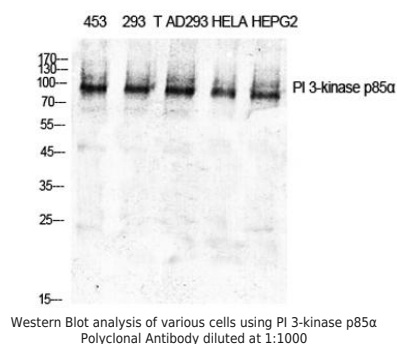
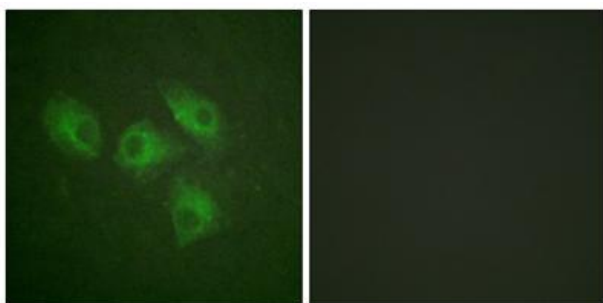




Product name:	PI 3-kinase p85 α Rabbit Polyclonal Antibody
Cat number:	AB-E12363
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human PI3-kinase p85-alpha. AA range:573-622
Reactivity:	Human;Mouse;Rat
Applications:	Western Blot: 1:500/1:2000 Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000.
Molecular Weight:	85kD
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage:	Store at -20°C. Avoid repeated 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.





Immunofluorescence analysis of HeLa cells, using PI3-kinase p85- α Antibody. The picture on the right is blocked with the synthesized peptide.