

# PI3-kinase p85- alpha (Phospho-Tyr607) Conjugated Antibody

Catalog No: #C12057

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)

Package Size: #C12057-AF350 100ul #C12057-AF405 100ul #C12057-AF488 100ul #C12057-AF555 100ul #C12057-AF594 100ul

#C12057-AF647 100ul #C12057-AF680 100ul #C12057-AF750 100ul #C12057-Biotin 100ul #C12057-Conjugated 50ul

## Description

Product Name	PI3-kinase p85- alpha (Phospho-Tyr607) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB,IHC,IF,ELISA
Species Reactivity	Human,Mouse,Rat,Chicken
Specificity	The antibody detects endogenous level of PI3-kinase p85- alpha only when phosphorylated at Tyrosine 607.
Immunogen Description	Peptide sequence around phosphorylation site of Tyrosine 607 (D-Q-Y(p)-S-L) derived from Human PI3-kinase p85-alpha.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	p85;AGM7;GRB1;p85-ALPHA
Accession No.	Swiss-Prot#:P27986NCBI Gene ID:5295NCBI mRNA#:NM_001242466.1NCBI Protein#:NP_001229395.1?
Calculated MW	80
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

WB: 1:50-1:200

IF: 1:50-1:200

## Product Description

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

## Background

Binds to activated (phosphorylated) protein-Tyr kinases, through its SH2 domain, and acts as an adapter, mediating the association of the p110 catalytic unit to the plasma membrane. Necessary for the insulin-stimulated increase in glucose uptake and glycogen synthesis in insulin-sensitive tissues. Plays an important role in signaling in response to FGFR1, FGFR2, FGFR3, FGFR4, KITLG/SCF, KIT, PDGFRA and PDGFRB. Likewise, plays a role in ITGB2 signaling.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.