

## Product datasheet for **TA379941**

### PI 3 Kinase p85 alpha (PIK3R1) Rabbit Polyclonal Antibody

#### Product data:

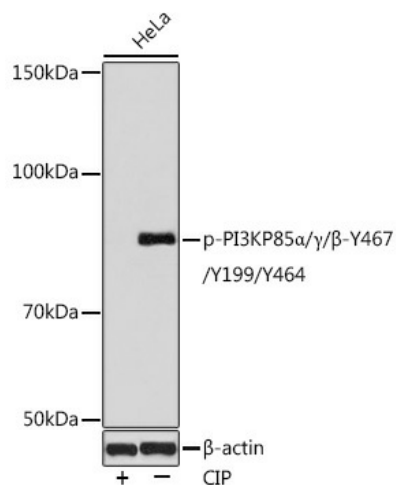
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB,1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho Y467/Y199/Y464
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic phosphorylated peptide around Y467/Y199/Y464 of human p85-alpha (NP_852664.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	42-54kDa/81-84kDa
Gene Name:	phosphoinositide-3-kinase regulatory subunit 1
Database Link:	<a href="#">Entrez Gene 5295 Human P27986</a>
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]



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Synonyms: GRB1; p85; p85-ALPHA; PI3K

### Product images:



Western blot analysis of extracts of HeLa cells, using Phospho-PI3KP85α/γ/β-Y467/Y199/Y464 antibody (TA379941) at 1:1000 dilution. HeLa cells were treated by CIP(20uL/400ul) at 37°C for 1 hour. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Enhanced Kit . | Exposure time: 120s.