



<b>Swiss-Prot No.:</b>	P27986
<b>Storage/Stability:</b>	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Immunogen:</b>	A synthesized peptide derived from human PI 3 Kinase p85 alpha
<b>Purification:</b>	Affinity Chromatography
<b>Reactivity:</b>	Human,Mouse,Rat
<b>Other Names:</b>	GRB1; P85A; PI3-kinase p85-alpha; PI3K; PI3K p85-alpha; ptdIns-3-kinase p85-alpha;
<b>Background:</b>	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.
<b>Cellular localization:</b>	Lysosome membrane > Single-pass type I membrane protein;
<b>Source:</b>	Rabbit
<b>Antibody type:</b>	Polyclonal antibody

<b>Isotype:</b>	Rabbit IgG
<b>Molecular Weight:</b>	85kDa
<b>Preservative:</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Recommended Dilutions:</b>	WB 1:500~1:2000