

Phospho-P85 alpha(Tyr580) Ab

Cat.#: AF4370

Size: 50ul,100ul,200ul

Concn.: 1mg/ml

Source: Rabbit

Mol.Wt.: 85kDa

Clonality: Polyclonal

Application: WB 1:500-1:2000

Reactivity: Human, Mouse, Rat

Purification: The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.

Specificity: Phospho-P85 alpha(Tyr580) Ab detects endogenous levels of P85 alpha only when phosphorylated at Tyr580.

Immunogen: A synthesized peptide derived from human P85 alpha around the phosphorylation site of Tyr580.

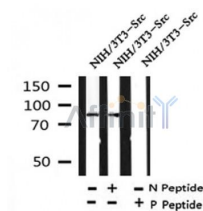
Uniprot: P27986

Subcellular Location: Cytoplasmic

Tissue Specificity: Isoform 2 is expressed in skeletal muscle and brain, and at lower levels in kidney and cardiac muscle. Isoform 2 and isoform 4 are present in skeletal muscle (at protein level).

Similarity: The SH3 domain mediates the binding to CBLB, and to HIV-1 Nef. Belongs to the PI3K p85 subunit family.

Storage Condition and Buffer: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.



Western blot analysis of Phospho-P85 alpha(Tyr580) in lysates of NIH/3T3-Src, using Phospho-P85 alpha(Tyr580) Ab(AF4370).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.