

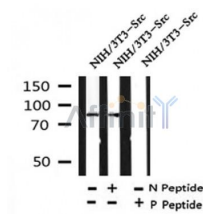
## Phospho-P85 alpha(Tyr580) Ab

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.

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