# Anti- ACC1 (Phospho-Ser80) Polyclonal Antibody

| Catalog No. | Size |
|---|---|
| A100046-01 | 50 µl |
| A100046-02 | 100 µl |

| | |
|---|---|
| **Specificity** | Anti-ACC1 (Phospho-Ser80) (Human Mouse Rat) |
| **Source** | Rabbit Polyclonal |
| **Application** | WB ELISA IHC |
| **Form** | Liquid, 1 mg/ml |

## Specificity and Sensitivity

**Swiss-Prot No.:** Q13085

**Other Names:** ACAC, ACACA, ACC-alpha, ACCA, Acetyl-CoA carboxylase 1, EC 6.3.4.14, EC 6.4.1.2

## Specificity and Sensitivity

ACC1 (Phospho-Ser80) antibody detects endogenous levels of ACC1 only when phosphorylated at serine 79.

## Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human ACC1 around the phosphorylation site of serine 79 (S-M-S$^{P}$-G-L).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~100

ELISA: 1:1000

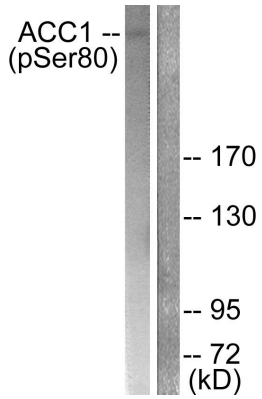
## Storage Buffer

Rabbit IgG in phosphate buffered saline (without $Mg^{2+}$ and $Ca^{2+}$), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Storage Instructions

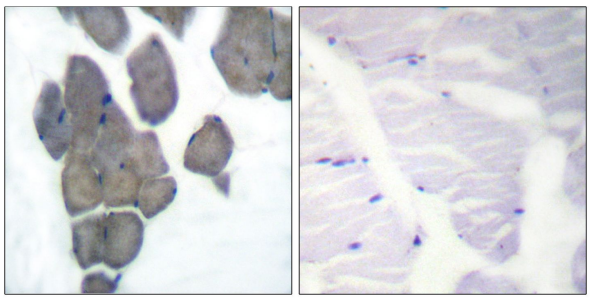
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

## Images




P-peptide - +

Western blot analysis of extracts from K562 cells treated with Insulin (0.01U/ml, 15mins), using ACC1 (Phospho-Ser80) antibody.



P-peptide - +

Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue using ACC1 (Phospho-Ser80) antibody.

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