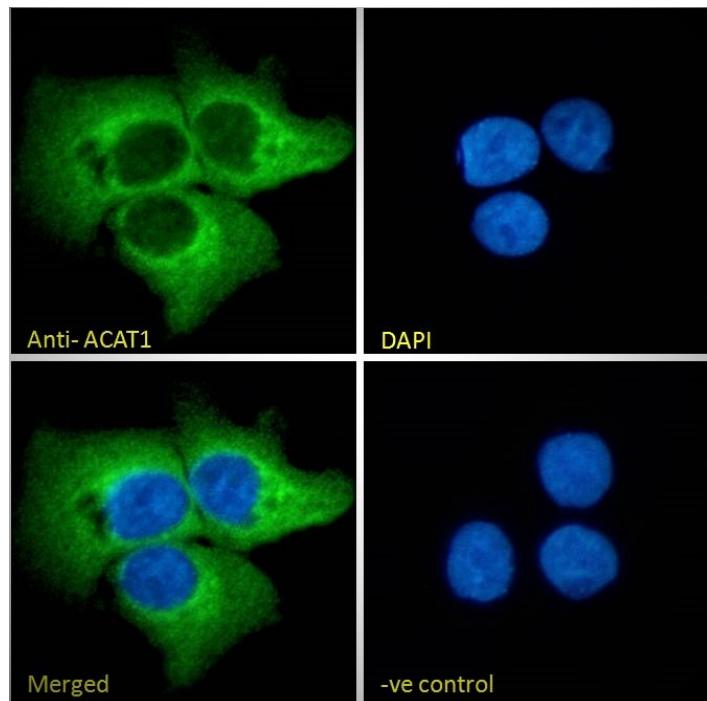


## GOAT ANTI-ACAT1 (AA253-266) ANTIBODY

SKU: EB09741



## SPECIFICATIONS

**Formulation** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

**Storage Instructions** Aliquot and store at -20°C. Minimize freezing and thawing.

**Synonym / Alias Names** mitochondrial acetoacetyl-CoA thiolase|acetyl-CoA acetyltransferase 1|acetoacetyl Coenzyme A thiolase|THIL|T2|MAT|ACAT|acetyl-Coenzyme A acetyltransferase 1|ACAT1

**Usage Summary** **Immunofluorescence:** Strong expression of the protein seen in the cytoplasm of U2OS and A431 cells. Recommended concentration: 10µg/ml. **Flow Cytometry:** Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.

**Accession ID** NP\_000010.1

**Blocking Peptide** EBP09741

|                              |  |
|------------------------------|--|
| <b>Immunogen</b>             | Peptide with sequence C-DEEYKRVDFSKVPK, from the internal region of the protein sequence according to NP_000010.1.   |
| <b>Peptide Sequence</b>      | C-DEEYKRVDFSKVPK   |
| <b>Purification Method</b>   | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.  |
| <b>Shipping Instructions</b> | Refrigerated   |
| <b>Predicted Species</b>     | Human, Mouse, Rat, Dog, Cow  |
| <b>Reactive Species</b>      | Human, Mouse, Rat  |
| <b>Human Gene ID</b>         | 38   |
| <b>Mouse Gene ID</b>         | 110446   |
| <b>Rat Gene ID</b>           | 25014  |
| <b>Product Grade</b>         | <a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png</a>  |
| <b>ELISA Detection Limit</b> | Antibody detection limit dilution 1:4000.  |
| <b>Western Blot</b>          | Approx. 40kDa band observed in lysates of cell lines CAC02, HEK293, HepG2, MCF7, NIH3T3 and KNRK and approx. 38-40kDa in Human, Mouse and Rat Liver lysates (calculated MW of 45.2kDa according to Human NP_000010.1, 44.81kDa according to Mouse NP_659033.1 and 44.7kDa according to Rat NP_058771.2 ). Recommended concentration: 0.01-0.5µg/ml. Primary incubation 1 hour at room temperature. |
| <b>Application Type</b>      | Pep-ELISA, WB, IF, FC  |

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

