

Nur für Forschungszwecke

# ACC1 Rekombinanter Antikörper

Katalog-Nr.:81656-1-RR



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 81656-1-RR	<b>GenBank-Zugangsnummer:</b> BC137287	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 500 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 31	<b>CloneNo.:</b> 2113
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> acetyl-Coenzyme A carboxylase alpha	<b>Empfohlene Verdünnungen:</b> WB 1:2000-1:10000
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 2383 aa, 275 kDa	
<b>Immunogen Katalognummer:</b> AG16452	<b>Beobachtete Masse:</b> 250 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
WB, ELISA

**Getestete Reaktivität:**  
Human, Maus, Ratte

### Positivkontrollen:

WB : HeLa-Zellen, C6-Zellen, HEK-293-Zellen, Jurkat-Zellen, NIH/3T3-Zellen

## Hintergrundinformationen

ACACA (Acetyl-CoA carboxylase 1, ACC), also named as ACAC, ACC1 and ACCA, belongs to the biotin containing enzyme family. It catalyzes the synthesis of malonyl-CoA, which is an intermediate substrate playing a pivotal role in the regulation of fatty acid metabolism and energy production. ACACA is involved in the biosynthesis of fatty acids, and malonyl-CoA produced is used as a building block to extend the chain length of fatty acids by fatty acid synthase (FAS) (PMID:19900410). It has 4 isoforms produced by alternative promoter usage with the molecular weight between 260 kDa and 270 kDa.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

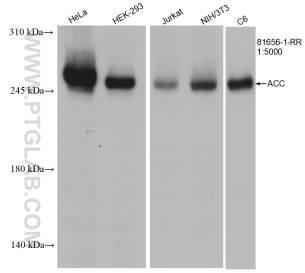
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## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 81656-1-RR (ACC1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.