

Nur für Forschungszwecke

# HADHB Polyklonaler Antikörper

Katalog-Nr.: 29091-1-AP

2 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 29091-1-AP	<b>GenBank-Zugangsnummer:</b> BC017564	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 350 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 3032	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:8000
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), beta subunit	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 51 kDa	
<b>Immunogen Katalognummer:</b> AG30298	<b>Beobachtete Masse:</b> 52 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b> WB : HepG2-Zellen, Mausherzgewebe, Maus-Skelettmuskelgewebe, MCF-7-Zellen, Rattenherzgewebe, Rattenlebergewebe
<b>In Publikationen genannte Anwendungen:</b> IHC, WB	
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	
<b>Zitierte Arten:</b> Human	

## Hintergrundinformationen

HADHB, also named as TP- beta, Acetyl-CoA acyltransferase and Beta-ketothiolase, is a mitochondrial trifunctional enzyme subunit beta. Mitochondrial trifunctional enzyme catalyzes the last three of the four reactions of the mitochondrial beta-oxidation pathway. The mitochondrial beta-oxidation pathway is the major energy-producing process in tissues and is performed through four consecutive reactions breaking down fatty acids into acetyl-CoA. Among the enzymes involved in this pathway, the trifunctional enzyme exhibits specificity for long-chain fatty acids. Mitochondrial trifunctional enzyme is a heterotetrameric complex composed of two proteins, the trifunctional enzyme subunit alpha/HADHA carries the 2,3-enoyl-CoA hydratase and the 3-hydroxyacyl-CoA dehydrogenase activities, while the trifunctional enzyme subunit beta/HADHB described here bears the 3-ketoacyl-CoA thiolase activity. HADHB has 2 isoforms produced by alternative splicing with the MW of 49 kDa and 51 kDa.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yun Li	36518312	Front Oncol	WB,IHC
Olga Gourdomichali	35205152	Biology (Basel)	WB

## Lagerung

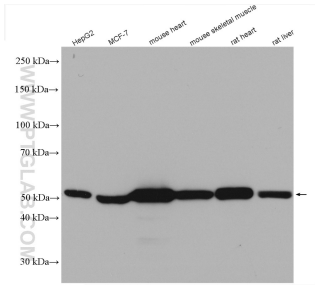
**Lagerungsbedingungen:**  
Bei -20°C lagern.  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

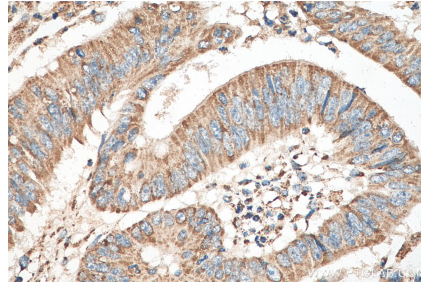
For technical support and original validation data for this product please contact:  
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E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 29091-1-AP (HADHB antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 29091-1-AP (HADHB antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).