

Nur für Forschungszwecke

# ADH7 Polyklonaler Antikörper

Katalog-Nr.: 23425-1-AP



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 23425-1-AP	<b>GenBank-Zugangsnummer:</b> BC131512	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 900 µg/ml von Nanodrop und 493 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 131	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2000 IHC 1:20-1:200 IF 1:20-1:200
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 386 aa, 41 kDa	
<b>Immunogen Katalognummer:</b> AG19340	<b>Beobachtete Masse:</b> 45-47 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, IHC, WB, ELISA	<b>Positivkontrollen:</b>
<b>Getestete Reaktivität:</b> Human	<b>WB:</b> HeLa-Zellen, A549-Zellen, HEK-293-Zellen
<b>Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	<b>IHC:</b> humanes Lebergewebe,
	<b>IF:</b> HepG2-Zellen,

## Hintergrundinformationen

ADH7 (Alcohol dehydrogenase class 4 mu/sigma chain) is also named as gastric alcohol dehydrogenase, retinol dehydrogenase and belongs to the zinc-containing alcohol dehydrogenase family. The ubiquitous expression pattern of ADH7 during embryogenesis has led to the notion that the enzymatic conversion of retinol to retinal occurs more or less uniformly and plays no role in the spatial or temporal regulation of RA synthesis during embryonic development (PMID:17473173). It has 2 isoforms produced by alternative splicing and can exist as a homodimer (PMID:18479436).

## 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**

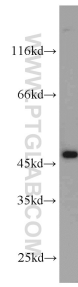
For technical support and original validation data for this product please contact:

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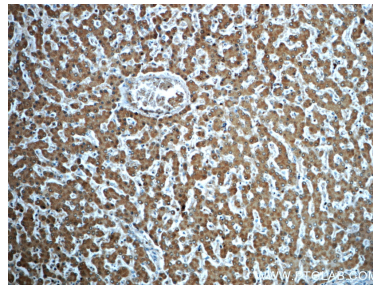
E: proteintech@ptglab.com  
W: ptglab.com

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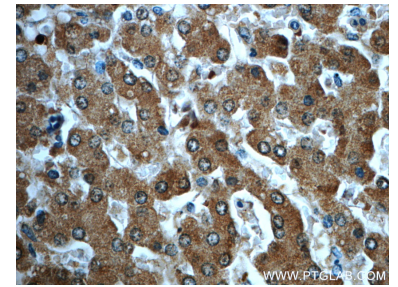
## Ausgewählte Validierungsdaten



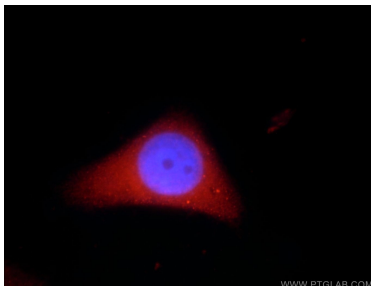
HeLa cells were subjected to SDS PAGE followed by western blot with 23425-1-AP (ADH7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver slide using 23425-1-AP (ADH7 Antibody) at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded human liver slide using 23425-1-AP (ADH7 Antibody) at dilution of 1:50.



Immunofluorescent analysis of HepG2 cells, using ADH7 antibody 23425-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).