

# Acetylcholinesterase Polyklonaler Antikörper

Katalog-Nr.: 17975-1-AP

7 Publikationen

## Allgemeine Informationen

|                                                                                                                                 |                                                                     |                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------|
| <b>Katalog-Nr.:</b><br>17975-1-AP                                                                                               | <b>GenBank-Zugangsnummer:</b><br>BC094752                           | <b>Reinigungsmethode:</b><br>Antigen-Affinitätsreinigung             |
| <b>Größe:</b><br>150ul, Konzentration: 167 µg/ml von 43 Nanodrop und 167 µg/ml durch die Bradford-Methode mit BSA als Standard; | <b>GeneID (NCBI):</b><br>43                                         | <b>Empfohlene Verdünnungen:</b><br>WB 1:500-1:1000<br>IHC 1:50-1:500 |
| <b>Wirt:</b><br>Kaninchen                                                                                                       | <b>Vollständiger Name:</b><br>acetylcholinesterase (Yt blood group) |                                                                      |
| <b>Isotyp:</b><br>IgG                                                                                                           | <b>Berechnete Masse:</b><br>614aa, 68 kDa; 640aa, 71 kDa            |                                                                      |
| <b>Immunogen Katalognummer:</b><br>AG12146                                                                                      | <b>Beobachtete Masse:</b><br>66-72 kDa                              |                                                                      |

## Anwendungen

|                                                                                                                                                           |                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Geprüfte Anwendungen:</b><br>IHC, WB, ELISA                                                                                                            | <b>Positivkontrollen:</b><br>WB : Mauslebergewebe, HEK-293-Zellen<br>IHC : humanes Lebergewebe, |
| <b>In Publikationen genannte Anwendungen:</b><br>IHC, WB                                                                                                  |                                                                                                 |
| <b>Getestete Reaktivität:</b><br>Human, Maus, Ratte                                                                                                       |                                                                                                 |
| <b>Zitierte Arten:</b><br>Maus, Ratte                                                                                                                     |                                                                                                 |
| <b>Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b> |                                                                                                 |

## Hintergrundinformationen

The classical role of acetylcholinesterase (AChE) is to terminate cholinergic neurotransmission by rapid hydrolysis of the neurotransmitter acetylcholine (ACh) at cholinergic synapses and neuromuscular junctions (PMID:20054652). AChE activity is significantly lower in aspirates from squamous cell carcinomas and the molecular distribution of AChE in both bronchial cells and fluids consisted of amphiphilic monomers and dimers (PMID:18211261). It has 4 isoforms produced by alternative splicing.

## Bemerkenswerte Veröffentlichungen

| Verfasser  | Pubmed ID | Journal           | Anwendung |
|------------|-----------|-------------------|-----------|
| Yinrui Guo | 34045460  | Transl Psychiatry | WB        |
| Yang Yang  | 34084135  | Front Pharmacol   | IHC       |
| Xiao Wu    | 33795529  | Aging (Albany NY) | WB        |

## Lagerung

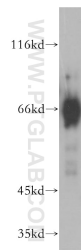
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

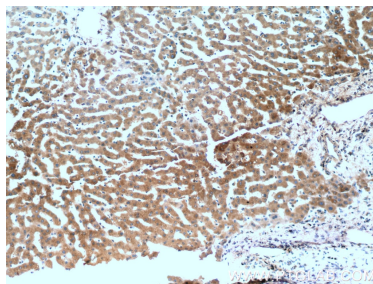
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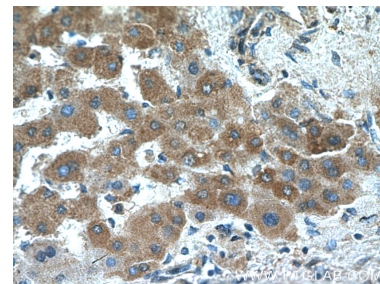
## Ausgewählte Validierungsdaten



mouse liver tissue were subjected to SDS PAGE followed by western blot with 17975-1-AP (Acetylcholinesterase antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 17975-1-AP (Acetylcholinesterase antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 17975-1-AP (Acetylcholinesterase antibody at dilution of 1:200 (under 40x lens).