

Nur für Forschungszwecke

HuD-specific Polyklonaler Antikörper



Katalog-Nr.: 24992-1-AP

2 Publikationen

Allgemeine Informationen

Katalog-Nr.: 24992-1-AP	GenBank-Zugangsnummer: BC036071	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 400 µg/ml von Nanodrop und 313 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 1996	Empfohlene Verdünnungen: WB 1:1000-1:4000 IP 0.5-4.0 µg für IP und 1:200-1:1000 für WB
Wirt: Kaninchen	Vollständiger Name: ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen D)	IHC 1:50-1:500 IF 1:10-1:100
Isotyp: IgG	Berechnete Masse: 380 aa, 42 kDa	
Immunogen Katalognummer: AG21830	Beobachtete Masse: 40 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, IP, WB, ELISA	Positivkontrollen: WB: Maushirngewebe, Rattenhirngewebe
In Publikationen genannte Anwendungen: IF, WB	IP: Maushirngewebe,
Getestete Reaktivität: Human, Maus, Ratte	IHC: humanes Hirngewebe,
Zitierte Arten: Human	IF: SH-SY5Y-Zellen, Maushirngewebe

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Hintergrundinformationen

ELAVL4, also named as HuD, is a 380 amino acid protein, which belongs to the RRM elav family. ELAVL4 is expressed in brain and localizes in the nucleus. ELAVL4 may play a role in neuron-specific RNA processing and protects CDKN1A mRNA from decay by binding to its 3'-UTR. PC12 cells expressing T7±HuD were treated with thio-specific (BMH) or amine-specific (DSS) chemical crosslinking reagents, and the resultant crosslinked complexes in the cell extracts were analyzed by immunoblotting with anti-T7 antibody. In addition to the monomeric HuD of 41 kDa, three specific crosslinked complexes could be detected using either of the crosslinkers. Two of the complexes had molecular masses of ~80 and 120 kDa, and were likely to be the dimer and trimer of HuD, respectively. (PMID: 12384599)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Sandra Diaz-Garcia	34618203	Acta Neuropathol	IF
Robert J van der Linden	35843356	Prog Neurobiol	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

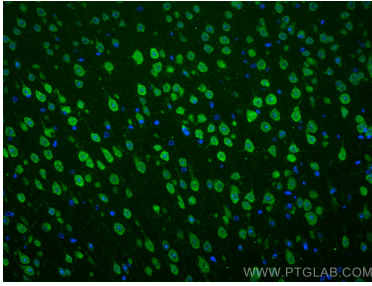
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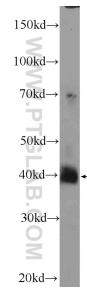
E: proteintech@ptglab.com
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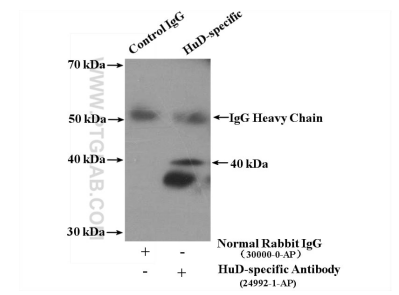
Ausgewählte Validierungsdaten



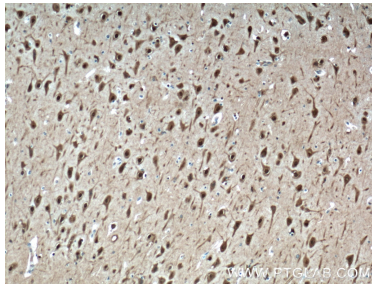
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using HuD-specific antibody (24992-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



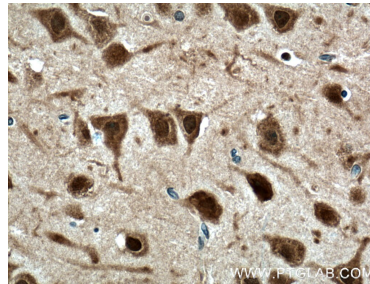
mouse brain tissue were subjected to SDS PAGE followed by western blot with 24992-1-AP (HuD-specific antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



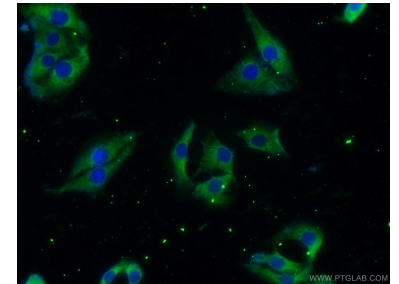
IP Result of anti-HuD-specific (IP:24992-1-AP, 4ug; Detection:24992-1-AP 1:300) with mouse brain tissue lysate 3600ug.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 24992-1-AP (HuD-specific antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 24992-1-AP (HuD-specific antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of SH-SY5Y cells using 24992-1-AP (HuD-specific antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).