

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HuD-specific



Numéro de catalogue: 24992-1-AP

2 Publications

Informations de base

Numéro de catalogue:

24992-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop and 313 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG21830

Numéro d'acquisition GenBank:

BC036071

Identification du gène (NCBI):

1996

Nom complet:

ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen D)

MW calculé

380 aa, 42 kDa

MW observés:

40 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:4000

IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

IHC 1:50-1:500

IF 1:10-1:100

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cérébral de souris, tissu cérébral de rat

IP : tissu cérébral de souris,

IHC : tissu cérébral humain,

IF : cellules SH-SY5Y, tissu cérébral de souris

Informations générales

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)

Publications notables

Autrice	Pubmed ID	Journal	Application
Sandra Diaz-Garcia	34618203	Acta Neuropathol	IF
Robert J van der Linden	35843356	Prog Neurobiol	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

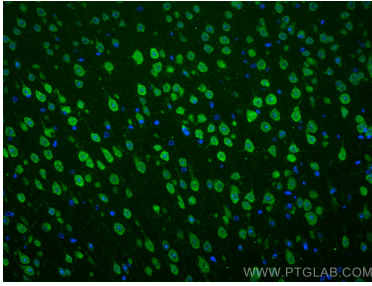
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

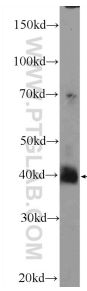
E: proteintech@ptglab.com
W: ptglab.com

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

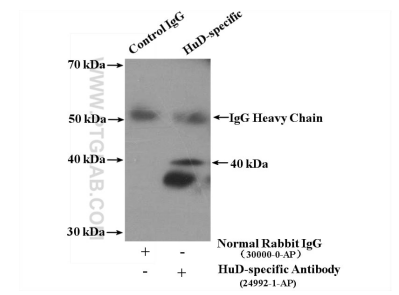
Données de validation sélectionnées



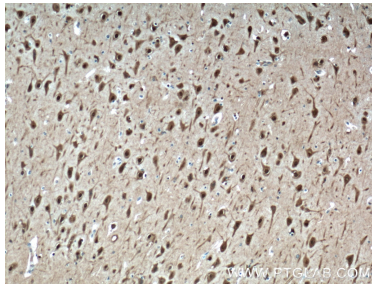
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using HuD-specific antibody (24992-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



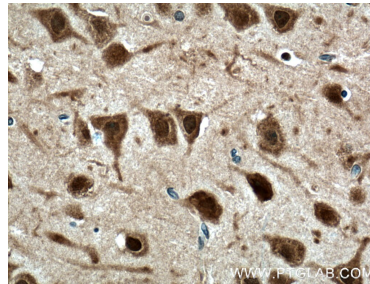
mouse brain tissue were subjected to SDS PAGE followed by western blot with 24992-1-AP (HuD-specific antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



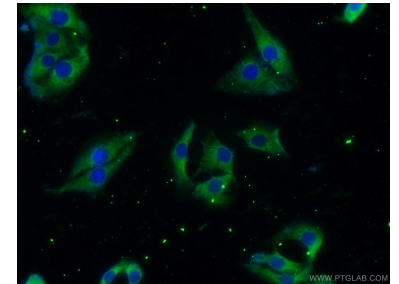
IP Result of anti-HuD-specific (IP:24992-1-AP, 4ug; Detection:24992-1-AP 1:300) with mouse brain tissue lysate 3600ug.



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).