

Allgemeine Informationen

Katalog-Nr.: 67835-1-Ig	GenBank-Zugangsnummer: BC036071	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 1996	CloneNo.: 1B1F5
Wirt: Maus	Vollständiger Name: ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen IHC 1:400-1:1600 D)	Empfohlene Verdünnungen: WB 1:5000-1:50000 IF 1:200-1:800
Isotyp: IgG2b	Berechnete Masse: 380 aa, 42 kDa	
Immunogen Katalognummer: AG3678	Beobachtete Masse: 32-40 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, WB, ELISA

Getestete Reaktivität:

Hausschwein, Human, Kaninchen, Maus, Ratte

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

Positivkontrollen:

WB : Hausschwein-Hirngewebe, Kaninchenhirngewebe, Maus-Cerebellum-Gewebe, Maushirngewebe, Ratten-Cerebellum-Gewebe, Rattenhirngewebe, SH-SY5Y-Zellen, U2OS-Zellen

IHC : Maushirngewebe,

IF : U2OS-Zellen,

Hintergrundinformationen

ELAVL4, also named as HuD, is a 380 amino acid protein. The full name is neuronal embryonic lethal altered visual system-like(ELAVL) RNA-binding protein. ELAVL4 is expressed in brain and localized in the nucleus. 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)

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**

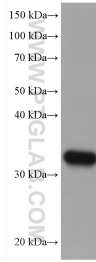
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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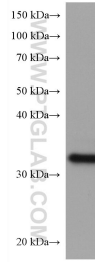
E: proteintech@ptglab.com
W: ptglab.com

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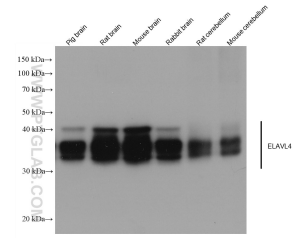
Ausgewählte Validierungsdaten



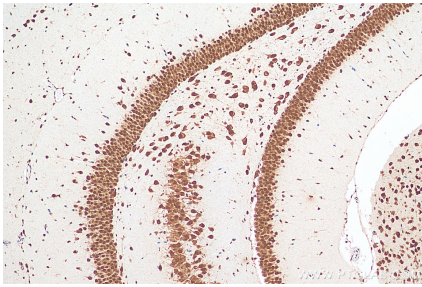
U2OS cells were subjected to SDS PAGE followed by western blot with 67835-1-Ig (ELAVL4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



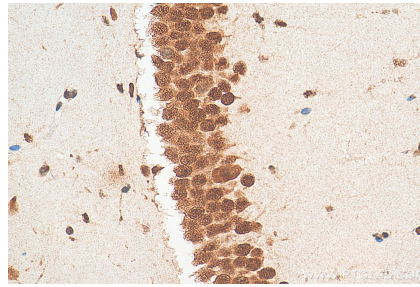
SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 67835-1-Ig (ELAVL4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



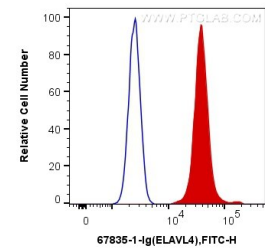
Various lysates were subjected to SDS PAGE followed by western blot with 67835-1-Ig (ELAVL4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



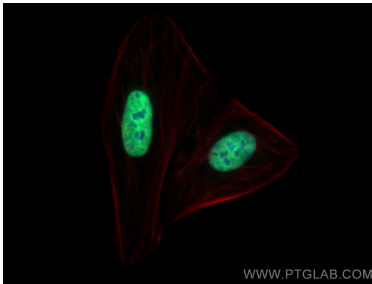
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67835-1-Ig (ELAVL4 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67835-1-Ig (ELAVL4 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 U2OS cells were intracellularly stained with 0.4 μ g Anti-Human ELAVL4 (67835-1-Ig, Clone:1B1F5) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 μ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using ELAVL4 antibody (67835-1-Ig, Clone: 1B1F5) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).