

À des fins de recherche uniquement

# Anticorps Monoclonal anti-ELAVL4

Numéro de catalogue: 67835-1-Ig



## Informations de base

Numéro de catalogue: 67835-1-Ig	Numéro d'acquisition GenBank: BC036071	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 1996	CloneNo.: 1B1F5
Hôte: Mouse	Nom complet: ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen IHC 1:400-1:1600 D)	Dilutions recommandées: WB 1:5000-1:50000 IF 1:200-1:800
Isotype: IgG2b	MW calculé 380 aa, 42 kDa	
Immunogen Catalog Number: AG3678	MW observés: 32-40 kDa	

## Applications

### Applications testées:

FC, IF, IHC, WB, ELISA

### Spécificité de l'espèce:

Humain, Lapin, porc, rat, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (\*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6.0.**

### Contrôles positifs:

WB : tissu cérébral de porc, cellules SH-SY5Y, cellules U2OS, tissu cérébral de lapin, tissu cérébral de rat, tissu cérébral de souris, tissu de cervelet de rat, tissu de cervelet de souris

IHC : tissu cérébral de souris,

IF : cellules U2OS,

## Informations générales

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)

## Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaoying Gao	37474884	Mol Neurobiol	CoIP

## 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.

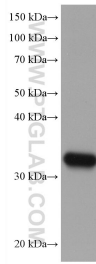
For technical support and original validation data for this product please contact:

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

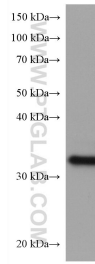
E: proteintech@ptglab.com  
W: ptglab.com

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

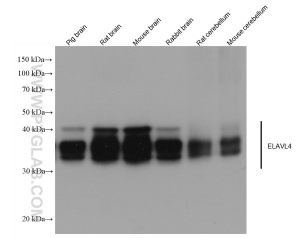
## Données de validation sélectionnées



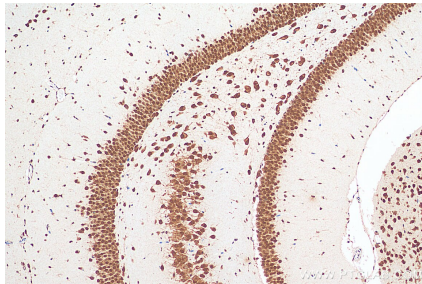
U2OS cells were subjected to SDS PAGE followed by western blot with 67835-1-Ig (ELAVL4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



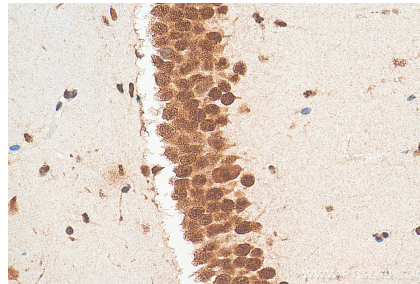
SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 67835-1-Ig (ELAVL4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



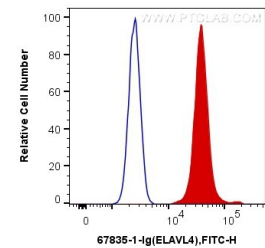
Various lysates were subjected to SDS PAGE followed by western blot with 67835-1-Ig (ELAVL4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



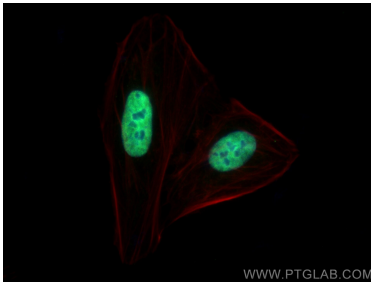
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67835-1-Ig (ELAVL4 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



$1 \times 10^6$  U2OS cells were intracellularly stained with 0.4  $\mu$ 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  $\mu$ 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).