

À des fins de recherche uniquement

Anticorps Monoclonal anti-Calbindin-D28k



Numéro de catalogue: 66394-1-Ig **8 Publications**

Informations de base

| | | |
|---|--|--|
| Numéro de catalogue: 66394-1-Ig | Numéro d'acquisition GenBank: BC006478 | Méthode de purification: Purification par protéine A |
| Taille: 150ul, Concentration: 1500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard; | Identification du gène (NCBI): 793 | CloneNo.: 1F8B9 |
| Hôte: Mouse | Nom complet: calbindin 1, 28kDa | Dilutions recommandées: WB 1:5000-1:50000 IHC 1:8000-1:32000 IF 1:50-1:500 |
| Isotype: IgG1 | MW calculé: 30 kDa | |
| Immunogen Catalog Number: AG5861 | MW observés: 28 kDa | |

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, IHC

Spécificité de l'espèce:

Humain, Lapin, porc, rat, souris

Espèces citées:

Humain, rat, souris

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 lapin, cellules PC-12, tissu cérébral de rat, tissu cérébral de souris, tissu cérébral humain foetal, tissu de cervelet de lapin, tissu de cervelet de porc, tissu de cervelet de rat, tissu de cervelet de souris

IHC : tissu de cervelet de rat, tissu cérébral humain, tissu d'intestin grêle humain, tissu rénal de rat, tissu rénal de souris, tissu rénal humain

IF : tissu de cervelet de souris, cellules PC-12, tissu rénal humain

Informations générales

Calbindin-D28k is a member of the calcium-binding protein superfamily that includes calmodulin and troponin C. It is a cytosolic calcium binding protein highly expressed in the distal tubule, intestines, central nervous system, primary murine osteoblast cells and in several other organs. It plays an important role in the intracellular calcium homeostasis, its strong buffering capacity prevents cytotoxic effect of high concentration of free calcium in kidney, brain, pancreas, and intestine.

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|----------------|-----------|-------------------|-------------|
| Chang-Hui Chen | 34795559 | Front Neurosci | IF |
| Fei Wang | 33762741 | Cell Death Differ | IF |
| Lingxiao Tong | 37599822 | iScience | IF |

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.

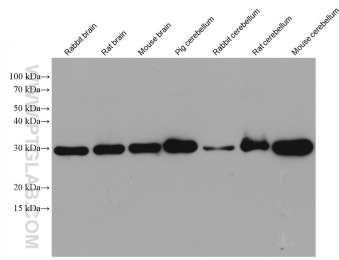
For technical support and original validation data for this product please contact:

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

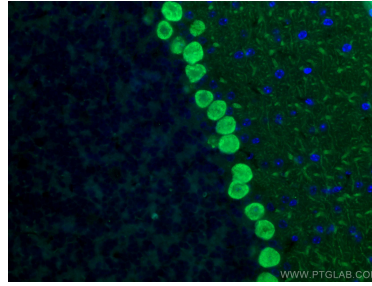
E: proteintech@ptglab.com
W: ptglab.com

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

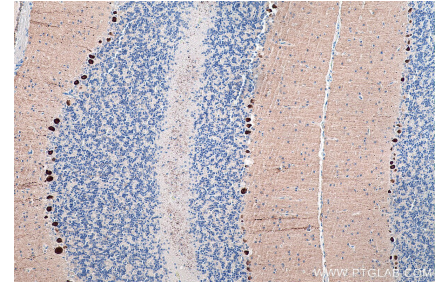
Données de validation sélectionnées



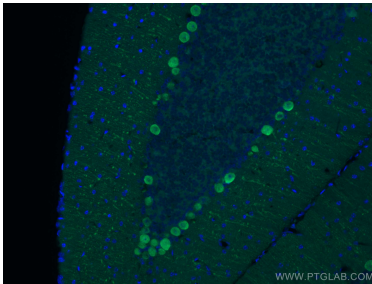
Various lysates were subjected to SDS PAGE followed by western blot with 66394-1-Ig (Calbindin-D28k antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



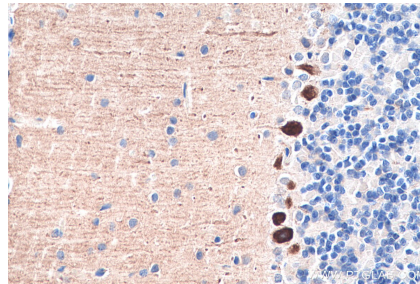
Immunofluorescent analysis of (4% PFA) fixed mouse cerebellum tissue using 66394-1-Ig (Calbindin-D28k antibody) at dilution of 1:200 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



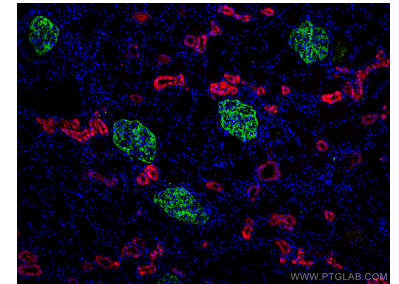
Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue slide using 66394-1-Ig (Calbindin-D28k antibody) at dilution of 1:16000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse cerebellum tissue using 66394-1-Ig (Calbindin-D28k antibody) at dilution of 1:200 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue slide using 66394-1-Ig (Calbindin-D28k antibody) at dilution of 1:16000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human kidney tissue using Calbindin-D28k antibody (66394-1-Ig, Clone: 1F8B9) at dilution of 1:300 and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), Podocalyxin antibody(18150-1-AP, green).