

À des fins de recherche uniquement

Anticorps Monoclonal anti-Calretinin



Numéro de catalogue: 66496-1-Ig **7 Publications**

Informations de base

Numéro de catalogue: 66496-1-Ig	Numéro d'acquisition GenBank: BC015484	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1900 µg/ml by 794 Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): calbindin 2	CloneNo.: 2D7A9
Hôte: Mouse	Nom complet: calbindin 2	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:2000-1:8000 IF 1:200-1:800
Isotype: IgG1	MW calculé: 29 kDa	
Immunogen Catalog Number: AG2924	MW observés: 29 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, porc, rat, souris

Espèces citées:

Humain, 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 porc, cellules U-251, cellules U2OS, tissu cérébral de lapin, tissu cérébral de rat, tissu cérébral de rat, tissu cérébral de souris, tissu de cervelet de rat, tissu de cervelet de souris

IHC : tissu d'appendicite humaine, tissu cérébral de rat, tissu cérébral humain, tissu de cervelet humain, tissu de côlon humain

IF : cellules SH-SY5Y, tissu d'appendicite humaine

Informations générales

Calbindin 2 (calretinin), is an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. This protein plays a role in diverse cellular functions, including message targeting and intracellular calcium buffering. It also functions as a modulator of neuronal excitability, and is a diagnostic marker for some human diseases, including Hirschsprung disease and some cancers. Calretinin is a useful marker for differentiating malignant mesothelioma from carcinomas.

Publications notables

Autrice	Pubmed ID	Journal	Application
Tuancheng Feng	35287730	Acta Neuropathol Commun	WB,IF
Hiroki Sano	30692515	Cell Death Dis	IF
Charles R Lechner	33309937	Neurobiol Dis	WB,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.**

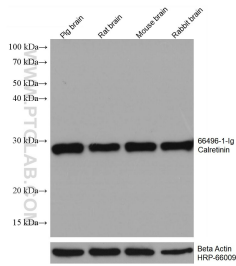
For technical support and original validation data for this product please contact:

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

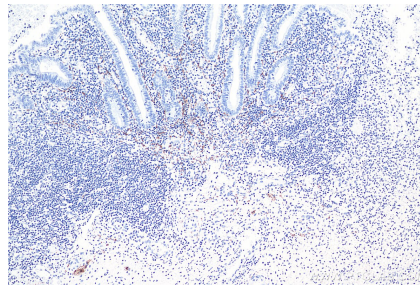
E: proteintech@ptglab.com
W: ptglab.com

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

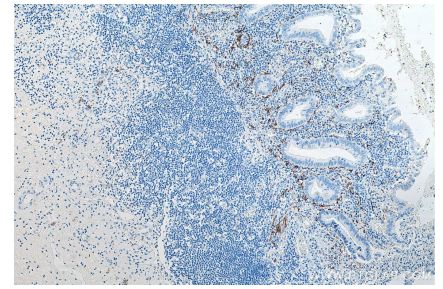
Données de validation sélectionnées



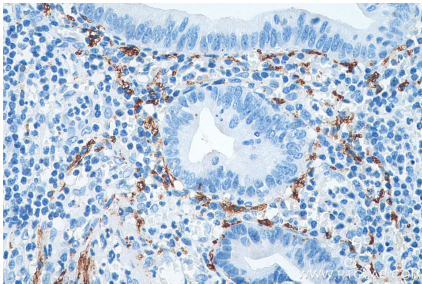
Various lysates were subjected to SDS PAGE followed by western blot with 66496-1-Ig (Calretinin antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



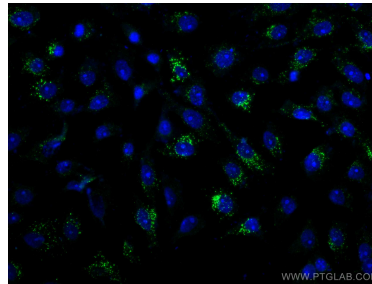
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 66496-1-Ig (Calretinin antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



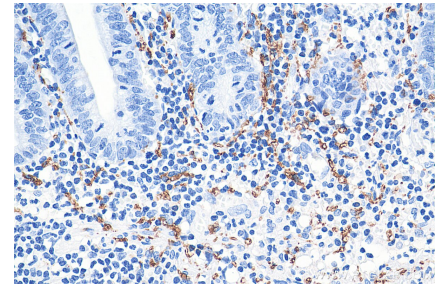
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 66496-1-Ig (Calretinin antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 66496-1-Ig (Calretinin antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using Calretinin antibody (66496-1-Ig, Clone: 2D7A9) at dilution of 1:100 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 66496-1-Ig (Calretinin antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).