

Nur für Forschungszwecke

Calretinin Monoklonaler Antikörper

Katalog-Nr.: 66496-1-Ig **6 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 66496-1-Ig	GenBank-Zugangsnummer: BC015484	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 1900 µg/ml von 794 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): calbindin 2	CloneNo.: 2D7A9
Wirt: Maus	Vollständiger Name: calbindin 2	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:2000-1:8000 IF 1:200-1:800
Isotyp: IgG1	Berechnete Masse: 29 kDa	
Immunogen Katalognummer: AG2924	Beobachtete Masse: 29 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen: WB: Hausschwein-Hirngewebe, Kaninchenhirngewebe, Maus-Cerebellum-Gewebe, Maushirngewebe, Ratten- Cerebellum-Gewebe, Rattenhirngewebe, U-251- Zellen, U2OS-Zellen IHC: humanes Appendizitis-Gewebe, humanes Cerebellum-Gewebe, humanes Hirngewebe, humanes Kolongewebe, Rattenhirngewebe IF: SH-SY5Y-Zellen, humanes Appendizitis-Gewebe
In Publikationen genannte Anwendungen: IF, WB	
Getestete Reaktivität: Hausschwein, Human, Maus, Ratte	
Zitierte Arten: Maus	
Hinweis-IHC: Antigendemaskierung mit TE- Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Tuancheng Feng	35287730	Acta Neuropathol Commun	WB,IF
Hiroki Sano	30692515	Cell Death Dis	IF
Charles R Lechner	33309937	Neurobiol Dis	WB,IF

Lagerung

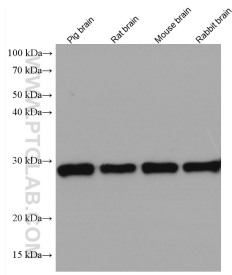
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

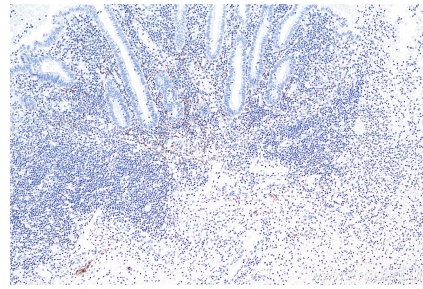
For technical support and original validation data for this product please contact:
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E: proteintech@ptglab.com
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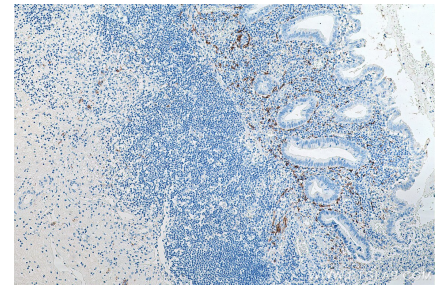
Ausgewählte Validierungsdaten



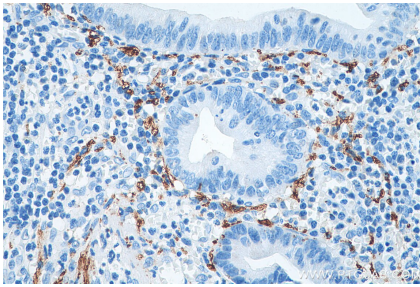
Various lysates were subjected to SDS PAGE followed by western blot with 66496-1-Ig (Calretinin antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



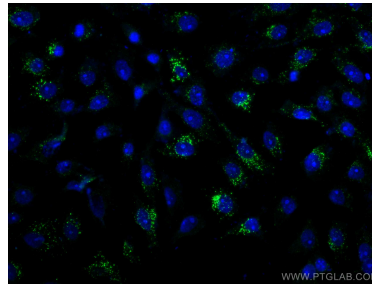
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 66496-1-Ig (Calretinin antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



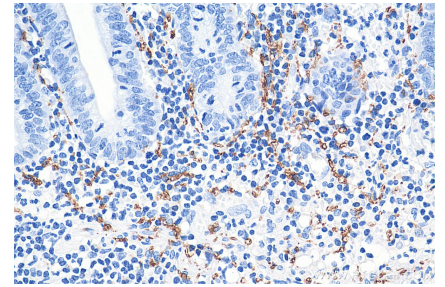
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 66496-1-Ig (Calretinin antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).