

For Research Use Only

HRP-conjugated Calretinin Monoclonal antibody



Catalog Number:HRP-66496

Basic Information

Catalog Number: HRP-66496	GenBank Accession Number: BC015484	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 794	CloneNo.: 2D7A9
Source: Mouse	UNIPROT ID: P22676	Recommended Dilutions: WB 1:5000-1:20000
Isotype: IgG1	Full Name: calbindin 2	
Immunogen Catalog Number: AG2924	Calculated MW: 29 kDa	
	Observed MW: 29 kDa	

Applications

Tested Applications: WB	Positive Controls: WB : mouse brain tissue,
Species Specificity: Human, mouse, pig, rat	

Background Information

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. This antibody is HRP conjugated.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

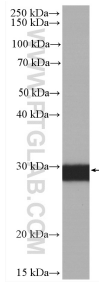
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with HRP-66496 (Calretinin antibody) at dilution of 1:0 incubated at room temperature for 1.5 hours.