

HRP-conjugated Calretinin Monoclonal antibody

Catalog Number: **HRP-66496**

Basic Information

Catalog Number:

HRP-66496

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG2924

GenBank Accession Number:

BC015484

GeneID (NCBI):

794

UNIPROT ID:

P22676

Full Name:

calbindin 2

Calculated MW:

29 kDa

Observed MW:

29 kDa

Purification Method:

Protein G purification

CloneNo.:

2D7A9

Recommended Dilutions:

WB 1:5000-1:20000

Applications

Tested Applications:

WB

Species Specificity:

Human, mouse, pig, rat

Positive Controls:

WB : mouse brain tissue,

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:

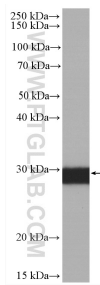
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.