

Recombinant Calbindin Monoclonal Antibody

catalog number: **AN301778L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

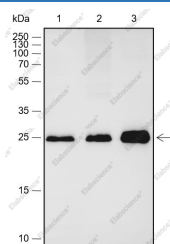
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human Calbindin fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C121400
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:500-1:2000
IHC	1:100-1:500

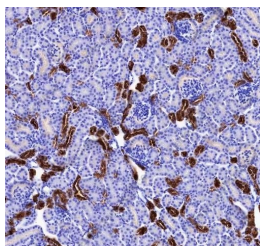
Data



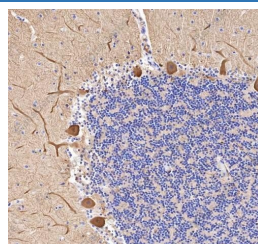
Western Blot with Calbindin Monoclonal Antibody at dilution of 1:2000. Lane 1: Mouse brain, Lane 2: Rat brain, Lane 3: Mouse cerebellum

Observed-MW:24 kDa

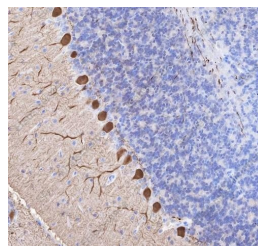
Calculated-MW:24 kDa



Immunohistochemistry of paraffin-embedded Mouse kidney using Calbindin Monoclonal Antibody at dilution of 1:500.



Immunohistochemistry of paraffin-embedded Human cerebellum using Calbindin Monoclonal Antibody at dilution of 1:500.



Immunohistochemistry of paraffin-embedded Rat cerebellum using Calbindin Monoclonal Antibody at dilution of 1:500.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Calbindin, encoded by CALB1 gene, is a member of the calcium-binding protein superfamily which is thought to buffer entry of calcium upon stimulation of glutamate receptors. Depletion of this protein was noted in patients with Huntington disease.

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Rev. V1.3

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