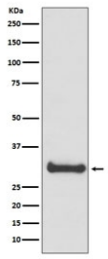
Calbindin Antibody / CALB1 [clone AAAA-3] (RQ5133)

Catalog No.	Formulation	Size
RQ5133	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AAAA-3
Purity	Affinity purified
UniProt	P05937
Applications	1:500-1:2000
Limitations	This Calbindin antibody is available for research use only.



Western blot testing of human fetal brain lysate with Calbindin antibody. Predicted molecular weight: 27-28 kDa.

Description

The protein encoded by the CALB1 gene is a member of the calcium-binding protein superfamily that includes calmodulin and troponin C. Originally described as a 27 kDa protein, it is now known to be a 28 kDa protein. It contains four active calcium-binding domains, and has two modified domains that are thought to have lost their calcium binding capability. This protein is thought to buffer entry of calcium upon stimulation of glutamate receptors. Depletion of this protein was noted in patients with Huntington disease. [RefSeq]

Application Notes

Optimal dilution of the Calbindin antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Calbindin / CALB1 was used as the immunogen for the Calbindin antibody.

Storage

Store the Calbindin antibody at -20oC.

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