

calbindin D28 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3865a**Specification**

calbindin D28 Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	P05937
Other Accession	NP_004920.1 , 793 , 83839 (rat)
Reactivity	Human, Mouse, Rat
Predicted	Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	30025

calbindin D28 Antibody (internal region) - Additional Information**Gene ID** 793**Other Names**

Calbindin, Calbindin D28, D-28K, Vitamin D-dependent calcium-binding protein, avian-type, CALB1, CAB27

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

calbindin D28 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

calbindin D28 Antibody (internal region) - Protein Information**Name** CALB1**Synonyms** CAB27**Function**

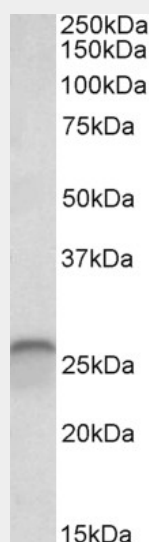
Buffers cytosolic calcium. May stimulate a membrane $\text{Ca}(2+)\text{-ATPase}$ and a 3',5'-cyclic nucleotide phosphodiesterase.

calbindin D28 Antibody (internal region) - Protocols

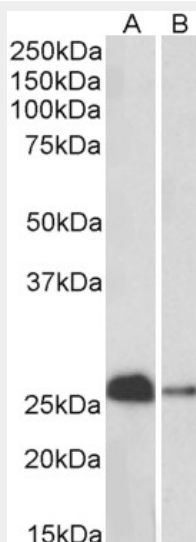
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

calbindin D28 Antibody (internal region) - Images



AF3865a (0.03 $\mu\text{g}/\text{ml}$) staining of Human Cerebellum lysate (35 μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF3865a (0.1 µg/ml) staining of Mouse (A) and Rat (B) Brain lysates (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

calbindin D28 Antibody (internal region) - Background

Immunizing peptide overlaps EF hand 2, but not any calcium binding site.

calbindin D28 Antibody (internal region) - References

DNA microarray analysis in a mouse model for endometriosis and validation of candidate factors with human adenomyosis. Kusakabe KT, Abe H, Kondo T, Kato K, Okada T, Otsuki Y. J Reprod Immunol. 2010 Jun;85(2):149-60. PMID: 20452033