

Calbindin-28K Blocking Peptide
Catalog # PBV10391b**Specification**

Calbindin-28K Blocking Peptide - Product Information

Primary Accession	P12658
Other Accession	EDL05596
Gene ID	12307
Calculated MW	29994

Calbindin-28K Blocking Peptide - Additional Information**Gene ID** 12307**Application & Usage**

The peptide is used for blocking the antibody activity of Calbindin-D-28K. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

Calbindin, Calbindin D28, D-28K, PCD-29, Spot 35 protein, Vitamin D-dependent calcium-binding protein, avian-type, Calb1

Target/Specificity

Calbindin-28K

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Calbindin-28K Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Calbindin-28K Blocking Peptide - Protein Information**Name** Calb1**Function**

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

Tissue Location

Expressed in the modiolar nerve root and in bushy neurons in the ventral cochlear nucleus (at protein level)

Calbindin-28K Blocking Peptide - 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-28K Blocking Peptide - Images