

Anti-Calbindin-D-28K Polyclonal Antibody

CATALOG #:	3846-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide corresponding to residues surrounding amino acids 191 of mouse Calbindin -D-28K (ID# BV-A12)
SPECIES REACTIVITY:	human, mouse, rat, monkey

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-Calbindin-D-28K polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal

STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

Calbindin-D-28K (also known as vitamin D-dependant calcium binding protein) belongs to a family of low molecular weight calcium-binding proteins (CaBPs). Calbindin-D-28K is found mostly in subpopulations of central and peripheral nervous system neurons and also in certain epithelial cells involved in Ca²⁺ transport.

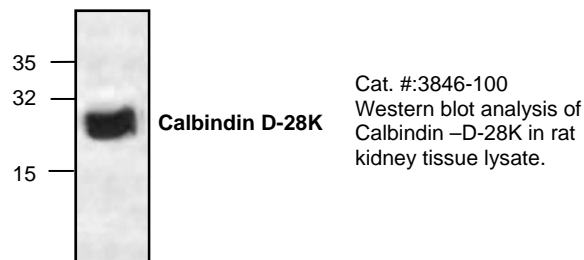
SPECIFICITY:

The antibody recognizes ~28 kDa Calbindin- D-28K of human, mouse, rat, and monkey origins. Reactivity to other species has not been tested.

APPLICATION AND USAGE:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat. # 3846BP-50) is available separately.

For In Vitro Research Use Only! Not to be used in humans.



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