

CALB1 Calbindin-1 Rat Recombinant Protein

Catalog Number: PROTP07171

Overview

Product Name	CALB1 Calbindin-1 Rat Recombinant Protein
Description	<p>Recombinant Rat Calbindin-1 produced in E. coli. The Rat CALB1 is purified by proprietary chromatographic techniques. Applications: CABP28K can be used for immunoblots, absorption experiments in immunohistochemistry, radioimmunoassay and intracellular injection. For adsorption, we suggest the following procedure:</p> <p>A- Dilute 1 µl of the monoclonal antibody against calbindin D-28k in 5 ml of the usual buffer for immunohistochemistry (final dilution 1:5'000).</p> <p>B- Add 1 µg of the recombinant protein to 1 ml of the diluted antibody solution and mix well.</p> <p>C- Incubate for at least 6 hours in the cold.</p> <p>D- Apply to tissue-sections and incubate for 3 days.</p> <p>E- Complete the immunohistochemical reaction as usual (biotinylated second antibody, ABC-complex, DAB).</p> <p>As a result, the immunostaining should be strongly reduced or even completely prevented.</p>
Size	1ug, 5ug, 100ug
Tag	
Form	Sterile Filtered White Lyophilized (freeze-dried) powder.
Source	Escherichia coli
Formulation	The protein was lyophilized from a concentrated solution (1mg/ml) containing 50mM NaHCO ₃ .

Concentration

Storage

Lyophilized CABP28K although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CABP28K should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Purity

Greater than 90% as determined by SDS-PAGE.

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Usage

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