

# Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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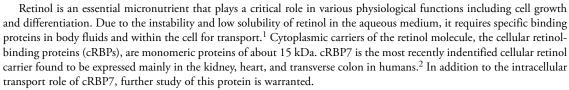
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# **Product Information**

## Cellular Retinol Binding Protein 7 Blocking Peptide

Item No. 10010251



Cayman's cRBP7 polyclonal antibody detects both the mature protein at about 15 kDa and the precursor at about 26 kDa by western blot in tissues/cells such as heart, HEK 293 cells, Cos-7 cells, and RAW 264.7 cells. The antibody can also be used for immunocytochemistry.

## **Laboratory Procedures**

This vial contains 200 µg peptide in 200 µl TBS, pH 7.4, containing 0.1% BSA and 0.02% sodium azide. The cRBP7 blocking peptide (amino acids 125-134) can be used in conjunction with Cayman's Cellular Retinol Binding Protein 7 Polyclonal Antibody (Item No. 10010250) to block protein-antibody complex formation during immunochemical analysis.

Store this peptide solution at -20°C. It will be stable for at least two years. To block antibody/protein complex formation, the following procedure is recommended:

- Mix the Cellular Retinol Binding Protein 7 Polyclonal Antibody (Item No. 10010250) and blocking peptide together in a 1:1 (v/v) ratio in a microfuge tube. For example, mix 40 µl of antibody and 40 µl of peptide.\*
- 2. Incubate for one hour at room temperature with occasional mixing.
- Dilute the mixture to the final working antibody concentration and apply to the slide or membrane as usual.

\*This is a recommended mixture. The minimum amount of peptide needed for complete blocking has not been precisely determined and may vary depending on the sample being analyzed. The amount of peptide required may need to be increased if sufficient blocking does not occur.

## References

- 1. Noy, N. Retinoid-binding proteins: Mediators of retinoid action. Biochem J. 348, 481-495 (2000).
- 2. Folli, C., Calderone, V., Ramazzina, I., et al. Ligand binding and structural analysis of a human putative cellular retinol-binding protein. J. Biol. Chem. 277(44), 41970-41977 (2002).

#### **Related Products**

For a list of related products please visit: www.caymanchem.com/catalog/10010251

WARNING: This product is for laboratory research only: not for administration to humans. Not for human or veterinary DIAGNOSTIC OR THERAPEUTIC USE.

#### MATERIAL SAFETY DATA

This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. This information contains some, but not all, of the information required for the safe and proper use of this material. Before use, the user must review the complete Material Safety Data Sheet, which has been sent via email to your institution.

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- Cayman Chemical Company makes **no warranty or guarantee** of any kind, whether written or oral, expressed or implied, including without limitation, any warranty of fitness for a particular prose, suitability and merchantability, which extends beyond the description of the chemicals hereof. Cayman **warrants only** to the original customer that the material will <u>meet our specifications</u>
- Cayman will carry out its delivery obligations with due care and skill. Thus, in no event will Cayman have any obligation or liability, whether in tort (including negligence) or in contract, for any direct, incidental or consequential damages, even if Cayman is informed about their possible existence.

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  Buyer's exclusive remedy and Cayman's sole liability hereunder shall be limited to a refund of the purchase price, or at Cayman's option, the replacement, at no cost to Buyer, of all material that

Said refund or replacement is conditioned on Buyer giving written notice to Cayman within thirty (30) days after arrival of the material at its destination. Failure of Buyer to give said notice within thirty (30) days shall constitute a waiver by Buyer of all claims hereunder with respect to said material.

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