

# Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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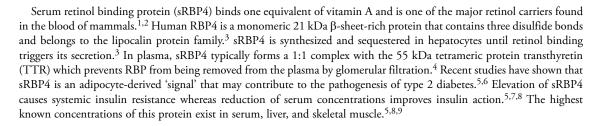
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# **Product Information**

## Serum Retinol Binding Protein 4 Blocking Peptide

Item No. 10007682



### **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 sRBP blocking peptide (human amino acids 28-37) can be used in conjunction with Cayman's sRBP4 Polyclonal Antibody (Item No. 10007681) to block protein-antibody complex formation during immunochemical analysis of sRBP4.

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:

- 1. Mix the sRBP4 Polyclonal Antibody (Item No. 10007681) 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.\*
- Incubate for one hour at room temperature with occasional mixing prior to further dilution and application of the mixture to the immunoblot.
- 3. 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

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- Tamori, Y., Sakaue, H., and Kasuga, M. RBP4, an unexpected adipokine. Nature Med. 12(1), 30-31 (2006).

### **Related Products**

For a list of related products please visit: <a href="www.caymanchem.com/catalog/10007682">www.caymanchem.com/catalog/10007682</a>

WARNING: THIS PRODUCT IS FOR LABORATORY RESEARCH ONLY: NOT FOR ADMINISTRATION TO HUMANS. NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

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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