PRODUCT INFORMATION

FABP4 Blocking Peptide
Item No. 10006248

Overview and Properties

Contents: This vial contains 200 µg of peptide.
Synonyms: Adipocyte FABP, A-FABP, ALBP, aP2, Fatty Acid Binding Protein 4
Form: Liquid
Storage: -20°C (as supplied)
Storage Buffer: 200 µl TBS, pH 7.4, containing 0.01% BSA and 0.02% sodium azide
Stability: ≥3 years

Procedures

This vial contains 200 µg of peptide in 200 µl TBS, pH 7.4, containing 0.01% BSA and 0.02% sodium azide. This blocking peptide can be used in conjunction with Cayman’s FABP4 Polyclonal Antibody (Item No. 10004944) to block protein-antibody complex formation during immunochemical analysis of FABP4.

To block antibody/protein complex formation, the following procedure is recommended:

1. Mix the FABP4 Polyclonal Antibody (Item No. 10004944) and blocking peptide together in a 1:1 (v/v) ratio in a microfuge tube. For example, mix 20 µl of antibody and 20 µl of peptide.*
2. 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.