

### Perilipin-1 peptide ab5009

#### 3 References

#### 製品の詳細

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製品名	Perilipin-1 peptide
精製度	> 70 % HPLC. Peptides are analyzed by Reverse-Phase HPLC (RP-HPLC) in order to determine purity. Identities are confirmed by MALDI-MS.
Animal free	No
由来	Synthetic

#### 特性

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Our **Abpromise guarantee** covers the use of **ab5009** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Blocking
製品の状態	Lyophilized
備考	This peptide may be used for neutralization and control experiments with the polyclonal antibody that reacts with this product and rat perilipin-1, catalog <b>ab3526</b> . Using a solution of peptide of equal volume and concentration to the corresponding antibody will yield a large molar excess of peptide (~ 70-fold) for competitive inhibition of antibody-protein binding reactions.

#### 前処理および保存

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保存方法および安定性	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
再構成	>95% pure, lyophilized synthetic peptide. Reconstitute with 0.1 ml of distilled water.

#### 関連情報

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機能	Modulator of adipocyte lipid metabolism. Coats lipid storage droplets to protect them from breakdown by hormone-sensitive lipase (HSL). Its absence may result in leanness.
組織特異性	Adipocytes.
配列類似性	Belongs to the perilipin family.
翻訳後修飾	Major cAMP-dependent protein kinase-substrate in adipocytes, also dephosphorylated by PP1. When phosphorylated, may be maximally sensitive to HSL and when unphosphorylated, may play

a role in the inhibition of lipolysis, by acting as a barrier in lipid droplet.

## 細胞内局在

Lipid droplet. Lipid droplet surface-associated.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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