

Perilipin-1 peptide ab5009

3 References

描述

产品名称	Perilipin-1多肽
纯度	> 70 % HPLC. Peptides are analyzed by Reverse-Phase HPLC (RP-HPLC) in order to determine purity. Identities are confirmed by MALDI-MS.
无动物成分	No
性质	Synthetic

技术指标

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.

应用	Blocking
形式	Lyophilized
补充说明	This peptide may be used for neutralization and control experiments with the polyclonal antibody that reacts with this product and rat perilipin-1, catalog ab3526 . 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.

制备和贮存

稳定性和存储	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
复溶	>95% pure, lyophilized synthetic peptide. Reconstitute with 0.1 ml of distilled water.

常规信息

功能	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.
组织特异性	Adipocytes.
序列相似性	Belongs to the perilipin family.
翻译后修饰	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.

细胞定位

Lipid droplet. Lipid droplet surface-associated.

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