# abcam

### Product datasheet

## Acetyl Coenzyme A Carboxylase peptide ab195232

製品の詳細

製品名 Acetyl Coenzyme A Carboxylase peptide

Animal free No.

**由来** Synthetic

特性

Our Abpromise guarantee covers the use of ab195232 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 - Blocking peptide for Anti-Acetyl Coenzyme A Carboxylase antibody [EP687Y]

(ab45174)

製品の状態

Liquid

備考

This is the blocking peptide for **ab45174** 

- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.
- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.
- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.
- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.
- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.

前処理および保存

保存方法および安定性

Shipped at 4°C. Store at -20°C.

関連情報

機能 Catalyzes the rate-limiting reaction in the biogenesis of long-chain fatty acids. Carries out three

functions: biotin carboxyl carrier protein, biotin carboxylase and carboxyltransferase.

組織特異性 Expressed in brain, placental, skeletal muscle, renal, pancreatic and adipose tissues; expressed

at low level in pulmonary tissue; not detected in the liver.

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パスウェイ Lipid metabolism; malonyl-CoA biosynthesis; malonyl-CoA from acetyl-CoA; step 1/1.

**関連疾患** Acetyl-CoA carboxylase 1 deficiency

**配列類似性** Contains 1 ATP-grasp domain.

Contains 1 biotin carboxylation domain. Contains 1 biotinyl-binding domain. Contains 1 carboxyltransferase domain.

翻訳後修飾 Phosphorylation on Ser-1263 is required for interaction with BRCA1.

細胞内局在 Cytoplasm.

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

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- Replacement or refund for products not performing as stated on the datasheet
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- · We investigate all quality concerns to ensure our products perform to the highest standards

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