

Anti-PDE4A antibody ab42094

[3 References](#) [画像数 1](#)

製品の概要

製品名	Anti-PDE4A antibody
製品の詳細	Rabbit polyclonal to PDE4A
由来種	Rabbit
特異性	PDE4A5 variant specific. Does not cross-react with PDE4A8 or other PDE4A proteins including PDE4A4, PDE4A1 and PDE4Ax or with other PDE family members.
アプリケーション	適用あり: WB
種交差性	交差種: Recombinant fragment
免疫原	Synthetic peptide corresponding to Rat PDE4A5 (N terminal). EAW74861.1 Modified to achieve desired antigenicity and linker for covalent coupling to blue carrier protein. Database link: P54748
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C.
バッファー	Antibody stabilization buffer, with preservatives, consisting of Hepes, NaCl, KCl, glycerol, BSA and chaotropic agents.
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab42094の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/750 - 1/1000. Detects a band of approximately 108 kDa (predicted molecular weight: 108 kDa).

ターゲット情報

機能

Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes.

組織特異性

Isoform 1 is widely expressed. Isoform 2 is abundant in liver, stomach, testis, thyroid and adrenal glands. It is also found in placenta, kidney, pancreas, ovary, uterus, skin, monocytes, mast cells, macrophages, as well as in bronchial smooth muscle. Isoform 6 is expressed at high levels in the heart and small intestine. It is also found in the brain, kidney, spleen, colon, salivary gland, ovary and peripheral blood lymphocytes. Isoform 7 is expressed predominantly in skeletal muscle and brain and at lower levels in the testis. Isoform 7 is expressed in the brain. Found in specific neuronal subpopulations in cortex, spinal cord and cerebellum (at protein level).

パスウェイ

Purine metabolism; 3',5'-cyclic AMP degradation; AMP from 3',5'-cyclic AMP: step 1/1.

配列類似性

Belongs to the cyclic nucleotide phosphodiesterase family. PDE4 subfamily.

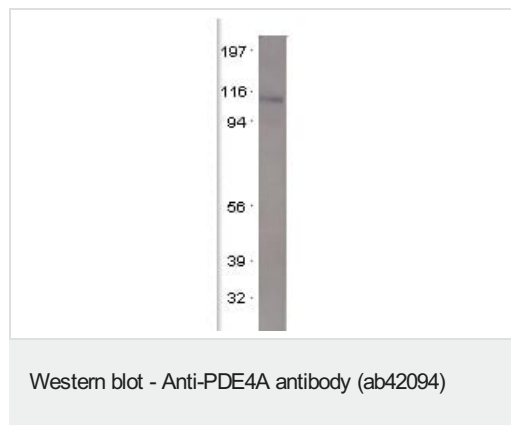
翻訳後修飾

Phosphorylated at Ser-686 and Ser-688 when expressed in *S. frugiperda* cells. Isoform 2 and isoform 7 are activated by phosphorylation at Ser-119 and Ser-123 respectively by PKA. Proteolytically cleaved by caspase-3.

細胞内局在

Cytoplasm > perinuclear region; Cytoplasm > perinuclear region. Cell projection > ruffle membrane; Cytoplasm. Membrane. Predominantly cytoplasmic and Membrane. Isoform 4 has propensity for association with membranes.

画像



Anti-PDE4A antibody (ab42094) + PDE4A5

Predicted band size: 108 kDa

Observed band size: 108 kDa

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