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Product datasheet

Anti-Actin antibody ab197345

13 References 画像数 1

製品の概要

製品名	Anti-Actin antibody
製品の詳細	Rabbit polyclonal to Actin
由来種	Rabbit
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Arabidopsis thaliana, Tobacco, Wheat, Broad bean, Brassica campestris, Cinnamomum camphora
免疫原	Synthetic peptide corresponding to Arabidopsis thaliana Actin (N terminal). (NP_190236.1). Database link: **P53497**
ポジティブ・コントロール	Cinnamomum camphora, Nicotiana tabacum, Triticum aestivuml, Arabidopsis thaliana, Brassica campestris, Vicia Faba lysates.
特記事項	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. 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

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.4 Preservative: 0.05% Sodium azide Constituents: 50% Glycerol, 49% PBS
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ab197345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		1/500 - 1/2000. Predicted molecular weight: 42 kDa.

ターゲット情報

機能

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.

関連疾患

Defects in ACTA1 are the cause of nemaline myopathy type 3 (NEM3) [MIM:161800]. A form of nemaline myopathy. Nemaline myopathies are muscular disorders characterized by muscle weakness of varying severity and onset, and abnormal thread-or rod-like structures in muscle fibers on histologic examination. The phenotype at histological level is variable. Some patients present areas devoid of oxidative activity containg (cores) within myofibers. Core lesions are unstructured and poorly circumscribed.
Defects in ACTA1 are a cause of myopathy congenital with excess of thin myofilaments (MPCETM) [MIM:161800]. A congenital muscular disorder characterized at histological level by areas of sarcoplasm devoid of normal myofibrils and mitochondria, and replaced with dense masses of thin filaments. Central cores, rods, ragged red fibers, and necrosis are absent.
Defects in ACTA1 are a cause of congenital myopathy with fiber-type disproportion (CFTD) [MIM:255310]; also known as congenital fiber-type disproportion myopathy (CFTDM). CFTD is a genetically heterogeneous disorder in which there is relative hypotrophy of type 1 muscle fibers compared to type 2 fibers on skeletal muscle biopsy. However, these findings are not specific and can be found in many different myopathic and neuropathic conditions.

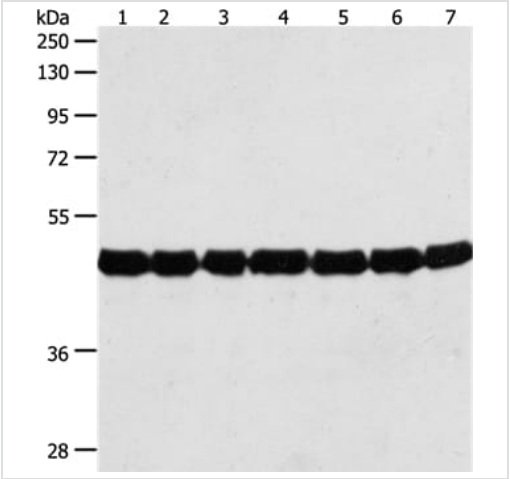
配列類似性

Belongs to the actin family.

細胞内局在

Cytoplasm > cytoskeleton.

画像



Western blot - Anti-Actin antibody (ab197345)

All lanes : Anti-Actin antibody (ab197345) at 1/500 dilution

Lane 1 : Cinnamomum camphora leaves lysate
Lane 2 : Nicotiana tabacum leaves lysate
Lane 3 : Triticum aestivuml leaves lysate
Lane 4 : Arabidopsis thaliana leaves lysate
Lane 5 : Brassica campestris flowers leaves lysate
Lane 6 : Brassica campestris leaves lysate
Lane 7 : Vicia Faba leaves lysate

Lysates/proteins at 50 µg per lane.

Secondary

All lanes : Anti-rabbit IgG at 1/8000 dilution

Developed using the ECL technique.

Predicted band size: 42 kDa

Exposure time: 20 seconds

10%SDS-PAGE

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