abcam

Product datasheet

Anti-Trophoblast specific protein alpha antibody ab104401

★★★★★ 2 Abreviews 25 References 画像数 2

製品の概要

製品名 Anti-Trophoblast specific protein alpha antibody

製品の詳細 Rabbit polyclonal to Trophoblast specific protein alpha

由来種 Rabbit

特異性 From Jan 2024, QC testing of replenishment batches of this polyclonal changed. All tested and

expected application and reactive species combinations are still covered by our Abcam product promise. However, we no longer test all applications. For more information on a specific batch,

please contact our Scientific Support who will be happy to help.

アプリケーション 適用あり: ICC/IF, WB

種交差性 交差種: Mouse

免疫原 Synthetic peptide corresponding to Mouse Trophoblast specific protein alpha aa 1-100

conjugated to keyhole limpet haemocyanin.

(Peptide available as ab117405)

ポジティブ・コントロール This antibody gave a positive signal in Mouse trophoblast tissue lysate as well as the following

whole cell lysates: MEF1; NIH3T3; STO.

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 or -

80°C. Avoid freeze / thaw cycle.

バッファー pH: 7.40

Preservative: 0.02% Sodium azide

Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising

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agent. If you would like information about the formulation of a specific lot, please contact our

scientific support team who will be happy to help.

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 <u>Abpromise保証は、</u>次のテスト済みアプリケーションにおけるab104401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。

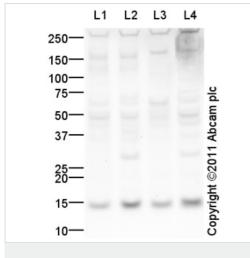
アプリケーション	Abreviews	特記事項
ICC/IF	*****(1)	Use a concentration of 1 µg/ml.
WB		Use at an assay dependent concentration. Predicted molecular weight: 14 kDa.

ターゲット情報

関連性

Trophoblast specific protein alpha is a marker of spongiotrophoblasts.

画像



Western blot - Anti-Trophoblast specific protein alpha antibody (ab104401)

All lanes : Anti-Trophoblast specific protein alpha antibody (ab104401) at 1 μg/ml

Lane 1 : MEF1 (Mouse embryonic fibroblast cell line) Whole Cell

Lysate

Lane 2: NIH 3T3 (Mouse embryonic fibroblast cell line) Whole Cell

Lysate

Lane 3: Trophoblast Stem Cells (Mouse) Whole Cell Lysate

Lane 4: STO (Mouse embryonic fibroblast cell line) Whole Cell

Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (ab97080) at 1/5000 dilution

Developed using the ECL technique.

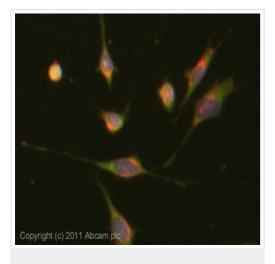
Performed under reducing conditions.

Predicted band size: 14 kDa **Observed band size:** 14 kDa

Additional bands at: 150 kDa, 255 kDa. We are unsure as to the

identity of these extra bands.

Exposure time: 14 minutes



Immunocytochemistry/ Immunofluorescence - Anti-Trophoblast specific protein alpha antibody (ab104401)

ICC/IF image of ab104401 stained MEF1 cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab96899, 1 μ g/ml) overnight at +4°C. The secondary antibody (green) was ab104401, DyLight® 488 goat anti-rabbit lgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43 μ M. This antibody also gave a positive result in 4% PFA fixed (10 min) MEF1 cells at 1 μ g/ml.

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

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