

Anti-RAI1 antibody ab86599

画像数 3

製品の概要

製品名	Anti-RAI1 antibody
製品の詳細	Rabbit polyclonal to RAI1
由来種	Rabbit
アプリケーション	適用あり: IHC-P, WB, IP
種交差性	交差種: Human 交差が予測される動物種: Chimpanzee, Gorilla, Orangutan 
免疫原	Synthetic peptide corresponding to Human RAI1 aa 1-100. Database link: Q7Z5J4
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate
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ab86599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確認ください。

アプリケーション	Abreviews	特記事項
IHC-P		1/500 - 1/2000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		1/2000 - 1/10000. Predicted molecular weight: 203 kDa.
IP		Use at 10 µg/mg of lysate.

ターゲット情報

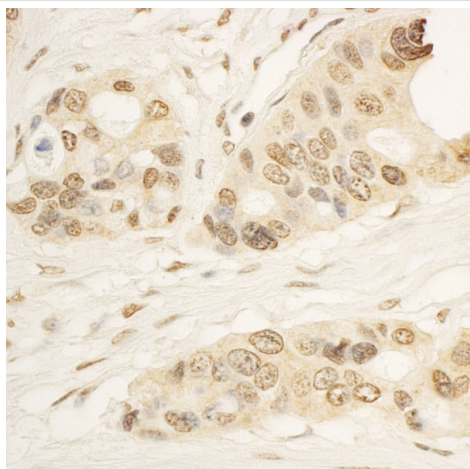
関連性

RAI1 (retinoid-acid induced protein 1) may be involved in neuronal differentiation. RAI1 is highly similar to its mouse counterpart and is expressed at high levels mainly in neuronal tissues. RAI1 has a polymorphic polyglutamine tract in it's N-terminal domain. Expression of the mouse counterpart in neurons is induced by retinoic acid. The RAI1 gene is associated with both the severity of the phenotype and the response to medication in schizophrenic patients. Defects in RAI1 are a cause of Smith-Magenis syndrome (SMS). There are four named isoforms.

細胞内局在

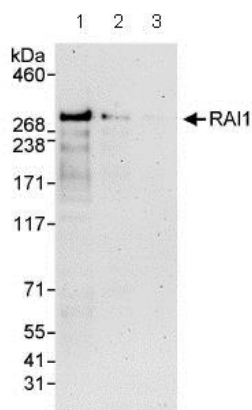
Cytoplasmic and Nuclear. In neurons it is localized to neurites.

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human ovarian carcinoma tissue labelling RAI1 with ab86599 at 1/1000 (1µg/ml). Detection: DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RAI1 antibody (ab86599)



Western blot - Anti-RAI1 antibody (ab86599)

All lanes : Anti-RAI1 antibody (ab86599) at 0.1 μ g/ml

Lane 1 : Whole cell lysate from HeLa cells at 50 μ g

Lane 2 : Whole cell lysate from HeLa cells at 15 μ g

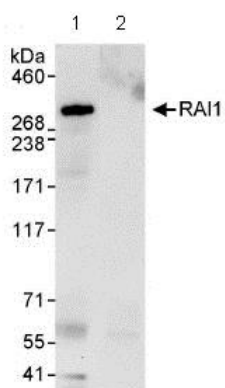
Lane 3 : Whole cell lysate from HeLa cells at 5 μ g

Developed using the ECL technique.

Predicted band size: 203 kDa

Observed band size: 280 kDa

Exposure time: 3 minutes



Immunoprecipitation - Anti-RAI1 antibody (ab86599)

Western Blot detection of RAI1 in Immunoprecipitates of Whole cell lysate of HeLa cells (1 mg for IP, 20% of IP loaded) using ab86599 at 10 μ g/mg lysate for IP and at 1 μ g/ml for subsequent Western blot detection. Lane 2 represents control IgG IP.

Detection: Chemiluminescence with an exposure time of 30 seconds.

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