


Anti-Dab1 antibody ab111684

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Overview

Product name	Anti-Dab1 antibody
Description	Rabbit polyclonal to Dab1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human Predicted to work with: Chicken, Pig, Zebrafish 
Immunogen	Recombinant fragment corresponding to Human Dab1 aa 1-241. Recombinant fragment corresponding to a region within amino acids 1 and 241 of DAB1 Database link: O75553
Positive control	WB: Mouse and rat brain cell lysate. IHC-P: Mouse duodenum tissue. ICC/IF: HepG2 cells.
General notes	<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>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Purification notes	ab111684 is purified by antigen-affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab111684 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 60 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/1000.

Target

Function

Adapter molecule functioning in neural development. May regulate SIAH1 activity.

Sequence similarities

Contains 1 PID domain.

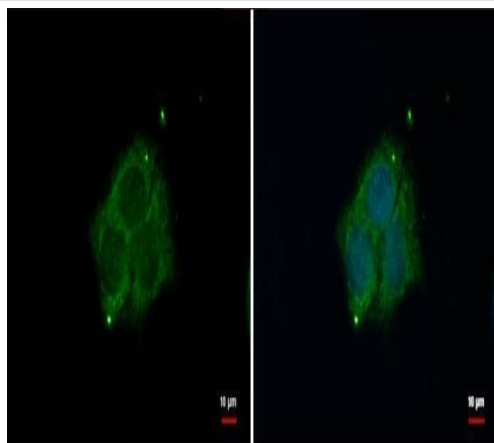
Domain

The PID domain specifically binds to the Asn-Pro-Xaa-Tyr(P) motif found in many tyrosine-phosphorylated proteins.

Post-translational modifications

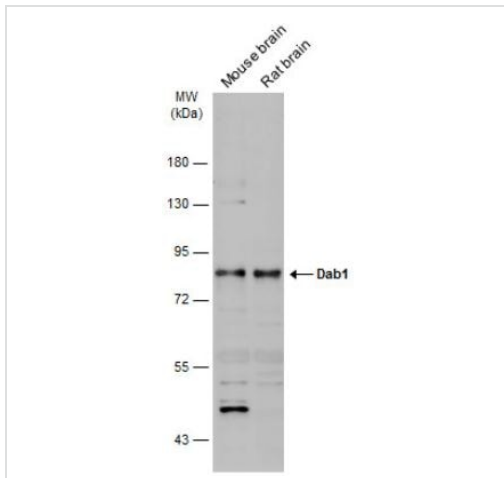
Phosphorylated on Tyr-198 and Tyr-220 upon reelin induction in embryonic neurons (By similarity). Also phosphorylated on Ser-524 independently of reelin signaling.

Images



HepG2 cells stained for DAB1 (green) using ab111684 at 1/500 dilution in ICC/IF.

Immunocytochemistry/ Immunofluorescence - Anti-Dab1 antibody (ab111684)



Western blot - Anti-Dab1 antibody (ab111684)

All lanes : Anti-Dab1 antibody (ab111684) at 1/1000 dilution

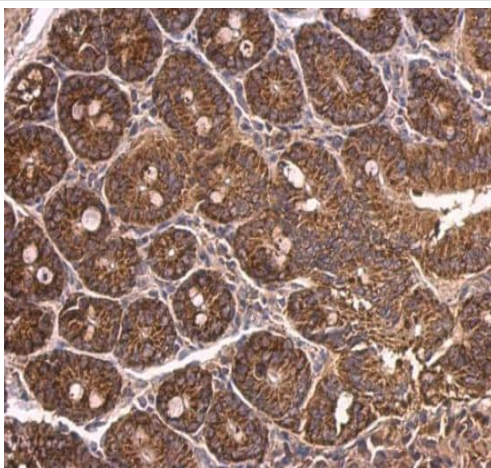
Lane 1 : Mouse brain tissue extract

Lane 2 : Rat brain tissue extract

Lysates/proteins at 50 µg per lane.

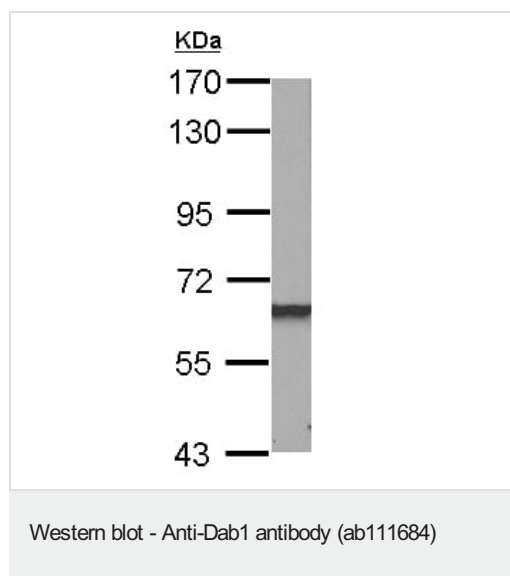
Predicted band size: 60 kDa

7.5% SDS-PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Dab1 antibody (ab111684)

Paraffin embedded mouse duodenum tissue stained for DAB1 using ab111684 at 1/500 dilution in immunohistochemical analysis.



Anti-Dab1 antibody (ab111684) at 1/3000 dilution + Mouse brain cell lysate at 50 µg

Predicted band size: 60 kDa

7.5% SDS-PAGE.

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

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