


Anti-DAK antibody ab137623

3 Images

Overview

Product name	Anti-DAK antibody
Description	Rabbit polyclonal to DAK
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Cow 
Immunogen	Recombinant fragment, corresponding to a region within amino acids 273-548 of Human DAK
Positive control	HepG2 and Raji whole cell lysates, Human lung SCC, HeLa 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. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab137623 in the following tested applications.

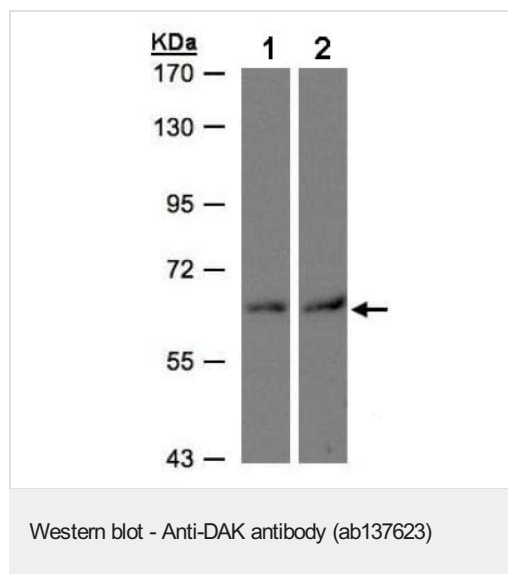
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 59 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	Catalyzes both the phosphorylation of dihydroxyacetone and the splitting of ribonucleoside diphosphate-X compounds among which FAD is the best substrate.
Sequence similarities	Belongs to the dihydroxyacetone kinase (DAK) family. Contains 1 DhaK domain. Contains 1 DhaL domain.

Images



All lanes : Anti-DAK antibody (ab137623) at 1/500 dilution

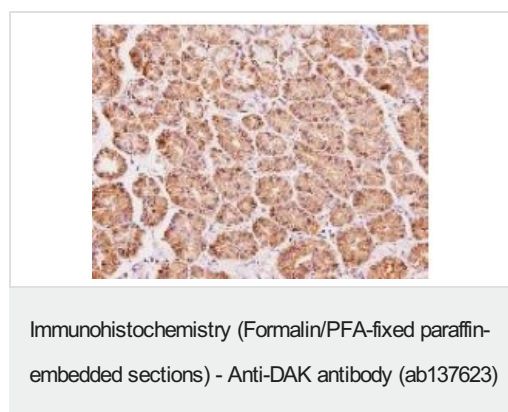
Lane 1 : HepG2 whole cell lysate

Lane 2 : Raji whole cell lysate

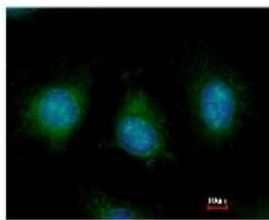
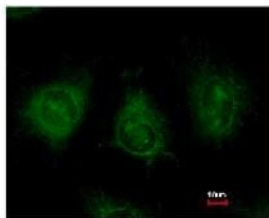
Lysates/proteins at 30 µg per lane.

Predicted band size: 59 kDa

7.5% SDS PAGE



Immunohistochemical analysis of paraffin embedded Human lung SCC labelling DAK with ab137623 antibody at a dilution of 1/100.



Immunofluorescent analysis of methanol-fixed HeLa cells labelling DAK with ab137623 at 1/100 dilution. Picture at the bottom costained with Hoechst 33342.

Immunocytochemistry/ Immunofluorescence - Anti-DAK antibody (ab137623)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors