


Anti-GRB 14 antibody ab137365

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Overview

Product name	Anti-GRB 14 antibody
Description	Rabbit polyclonal to GRB 14
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Cow 
Immunogen	Recombinant fragment, corresponding to a region within amino acids 24-391 of Human GRB 14 (Uniprot ID: Q14449).
Positive control	293T, A431, H1299, HeLa, HepG2, Raji cell lines; MOLT4 and Mouse liver whole cell lysates; Human NCIN87 xenograft tissue.
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 ab137365 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
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Antigen retrieval using heat mediated Tris-EDTA buffer (pH8.0) is also possible.
WB		1/500 - 1/3000. Predicted molecular weight: 61 kDa.

Target

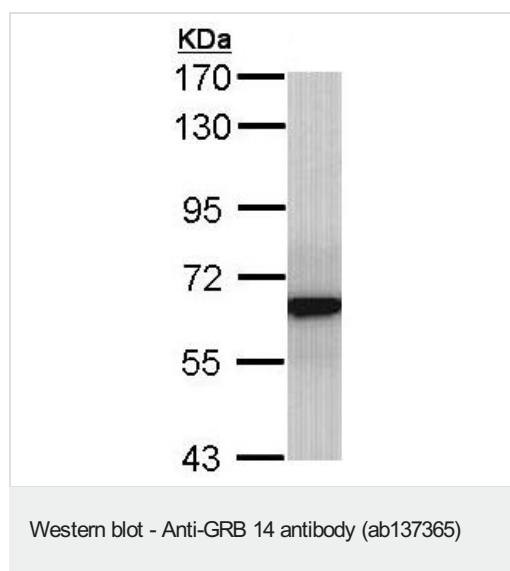
Relevance

The product of this gene belongs to a small family of adapter proteins that are known to interact with a number of receptor tyrosine kinases and signaling molecules. This gene encodes a growth factor receptor-binding protein that interacts with insulin receptors and insulin-like growth-factor receptors. This protein likely has an inhibitory effect on receptor tyrosine kinase signaling and, in particular, on insulin receptor signaling. This gene may play a role in signaling pathways that regulate growth and metabolism. Transcript variants have been reported for this gene, but their full-length natures have not been determined to date.

Cellular localization

Cytoplasm, Golgi apparatus membrane, Peripheral membrane protein, Endosome membrane.

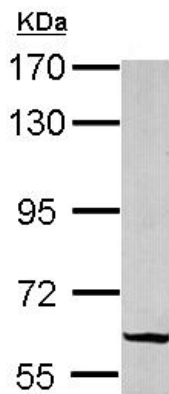
Images



Anti-GRB 14 antibody (ab137365) at 1/1000 dilution + MOLT4 whole cell lysate at 30 µg

Predicted band size: 61 kDa

7.5% SDS PAGE

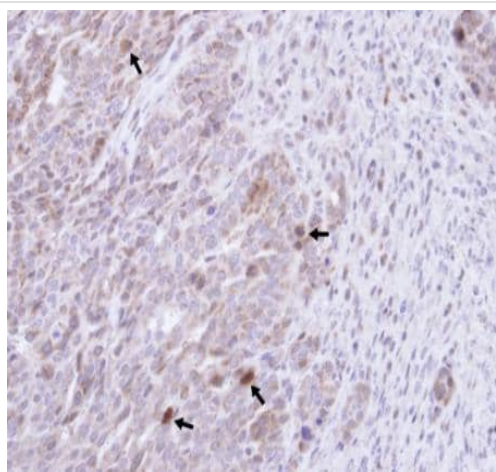


Western blot - Anti-GRB 14 antibody (ab137365)

Anti-GRB 14 antibody (ab137365) at 1/1000 dilution + Mouse liver whole cell lysate at 50 µg

Predicted band size: 61 kDa

7.5% SDS PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GRB 14 antibody (ab137365)

Immunohistochemical analysis of paraffin-embedded Human NCIN87 xenograft tissue labelling GRB 14 with ab137365 at 1/500 dilution.

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

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