

Product datasheet

Anti-ARHGEF7 antibody ab175306

1 Image

Overview

Product name	Anti-ARHGEF7 antibody
Description	Rabbit polyclonal to ARHGEF7
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat, Human, African green monkey
Immunogen	Recombinant full length protein corresponding to Human ARHGEF7 aa 1-803. Sequence: MNSAEQVTWLITLGVLESPKKTISDPEGFLQASLKDGVV LCRLLERLLP GTIEKVYPEPRSESECLSNIREFLRGCGASLRLELLFPPSQ PPQHLVTTI LLSASTFDANDLYQGQNFNKVLSSLVTLNKVTADIGLGS SVCARPSSHR IKSFDLSGSQLHTRTSKLFQGGYRSLDMTNSNNQLVVR AKFNFQQTNE DELSFSKGDVIHVTRVEEGGWEGTLNGRTGWFPSNYV REVKASEKPVSP KSGTLKSPPKGFDTTANKSYNVVLQNILETENEYSKELQ TVLSTYLRP LQTSEKLSSANISYLMGNLEEICSFQQMLVQSLEECTKLPE AQQRVGG CFLNLMQMKTLYLTICANHPSAVNVLTEHSEELGEFMET KGASSPGILV LTTGLSKPFMRLDKYPTLLKELERHMEDYHTDRQDIQKSM AAFKNLSAQC QEVKRKRKELELQILTEAIRNWEGDDIKTLGNVTYMSQVLIQ CAGSEEKNE RYLLFPNVLLMLSASPRMSGFIYQGKLPPTTGMTITKLEDS ENHRNAFEI SGSMIERILVSCNNQQDLQEWVEHLQKQTKVTSVGNPTIK PHSVPSHTLP SH PVTSPSSKHADSKPAPLTPAYHTLPHPSHHGTPHTTINWGP LEPPKT PKPWSLSCLRPAPPLRPSAALCYKEDLSKSPKTMKLLP KRKPERKPSDE

EFASRKSTAALEEDAQILKVIEAYCTSAKTRQTLNSTWQGT
DLMHNVLA
DDDQPSLDSLGRSSLSRLEPSDLSESDYDSMWAHSY
RMGSTSRKSCC SYSHQN

Database link: [Q14155](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

General notes

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

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, as well as customer reviews and Q&As.

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 long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol, 49% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab175306** in the following tested applications.

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

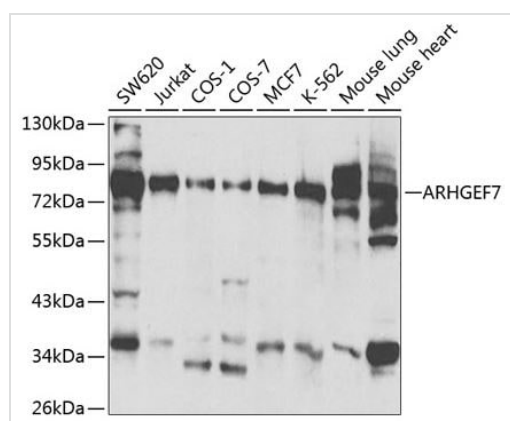
Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 90 kDa.

Target

Function Acts as a RAC1 guanine nucleotide exchange factor (GEF) and can induce membrane ruffling. May function as a positive regulator of apoptosis. May function in cell migration.

Sequence similarities Contains 1 CH (calponin-homology) domain.
Contains 1 DH (DBL-homology) domain.
Contains 1 PH domain.
Contains 1 SH3 domain.

Images



Western blot - Anti-ARHGEF7 antibody (ab175306)

All lanes : Anti-ARHGEF7 antibody (ab175306) at 1/500 dilution

Lane 1 : SW620 cell extract

Lane 2 : Jurkat cell extract

Lane 3 : COS-1 cell extract

Lane 4 : COS-7 cell extract

Lane 5 : MCF-7 cell extract

Lane 6 : K-562 cell extract

Lane 7 : Mouse lung tissue extract

Lane 8 : Mouse heart tissue extract

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : HRP Goat AntiRabbit IgG at 1/10000 dilution

Predicted band size: 90 kDa

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

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