

Product datasheet

Anti-ARHGAP22 antibody ab204743

★★★★★ 1 Abreviews 2 Images

Overview

Product name	Anti-ARHGAP22 antibody
Description	Rabbit polyclonal to ARHGAP22
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human ARHGAP22 aa 493-560. Sequence: DNVPAPGLVPGIPSVASMAWSGASSESSVGGSLSS CTACRASDSSARSS LHTDWALEPSPLPSSSED Database link: Q7Z5H3 Run BLAST with Run BLAST with
Positive control	RT-4 cell lysate; Human testis tissue.

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: 7.2 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol, 59% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab204743** in the following tested applications.

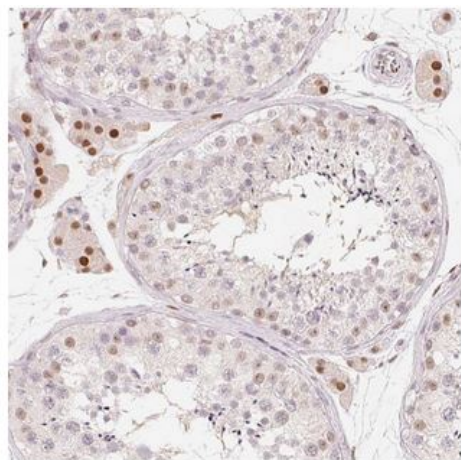
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★	1/100 - 1/250. Predicted molecular weight: 77 kDa.
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

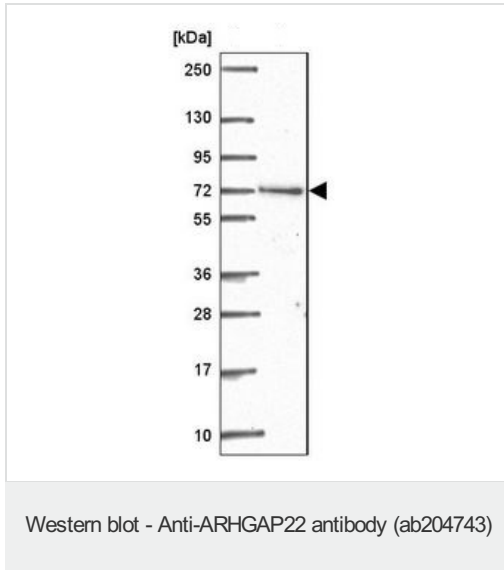
Function	Rho GTPase-activating protein involved in the signal transduction pathway that regulates endothelial cell capillary tube formation during angiogenesis. Acts as a GTPase activator for the RAC1 by converting it to an inactive GDP-bound state. Inhibits RAC1-dependent lamellipodia formation. May also play a role in transcription regulation via its interaction with VEZF1, by regulating activity of the endothelin-1 (EDN1) promoter.
Sequence similarities	Contains 1 PH domain. Contains 1 Rho-GAP domain.
Cellular localization	Cytoplasm. Nucleus. Mainly cytoplasmic. Some fraction is nuclear.

Images



Immunohistochemical analysis of paraffin-embedded Human testis tissue labeling ARHGAP22 with ab204743 at 1/50 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ARHGAP22 antibody (ab204743)



Anti-ARHGAP22 antibody (ab204743) at 1/100 dilution + RT-4 cell lysate

Predicted band size: 77 kDa

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