

Product datasheet

Anti-AFG2 antibody ab241369

1 Image

Overview

Product name	Anti-AFG2 antibody
Description	Rabbit polyclonal to AFG2
Host species	Rabbit
Tested applications	Suitable for: IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human AFG2 aa 843-893. The exact sequence is proprietary. Database link: Q8NB90
Positive control	IP: HeLa whole cell lysate.
General notes	ab241369 has not performed satisfactorily when used for WB of AFG2 in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g.immunoprecipitated) sources of AFG2. This product was previously labelled as SPATA5

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 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate
Purity	pH 7 to 8 Immunogen affinity purified
Purification notes	ab241369 was affinity purified using an epitope specific to AFG2 immobilized on solid support
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab241369** in the following tested applications.

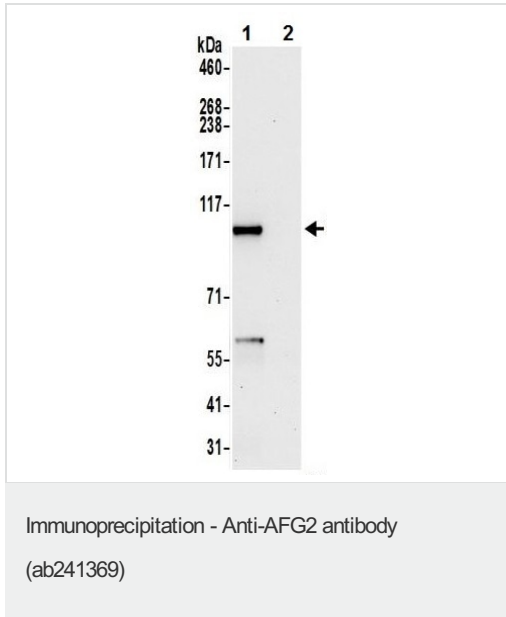
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at 2-10 µg/mg of lysate.

Target

Relevance	SPATA5 may be involved in morphological and functional mitochondrial transformations during spermatogenesis.
Cellular localization	Cytoplasmic and Mitochondrial

Images



AFG2 was immunoprecipitated from HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded, cells prepared using NETN lysis buffer) using ab241369 at 6 µg per reaction. Western blot was performed on the immunoprecipitate using ab241369 at 1 µg/ml.

Lane 1: ab241369 IP in HeLa whole cell lysate.

Lane 2: Control IgG in HeLa whole cell lysate.

Detection: Chemiluminescence with an exposure time of 30 seconds.

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

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