

Product datasheet

Anti-PRPS2 antibody ab234886

4 Images

Overview

Product name	Anti-PRPS2 antibody
Description	Rabbit polyclonal to PRPS2
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Rat, Human
Immunogen	Recombinant fragment corresponding to Human PRPS2 aa 11-106. Database link: P11908
Positive control	WB: Rat kidney lysate. IHC-P: Human testis and kidney tissue. ICC/IF: HeLa cells.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>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.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>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.</p> <p>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.</p> <p>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.</p>

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: 7.40

Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.03% Proclin 300

Purity

Protein G purified

Purification notes

Purity >95%

Clonality

Polyclonal

Isotype

IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab234886** 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 - 1/5000. Predicted molecular weight: 35 kDa.
IHC-P		1/20 - 1/200.
ICC/IF		1/50 - 1/200.

Target

Function

Catalyzes the synthesis of phosphoribosylpyrophosphate (PRPP) that is essential for nucleotide synthesis.

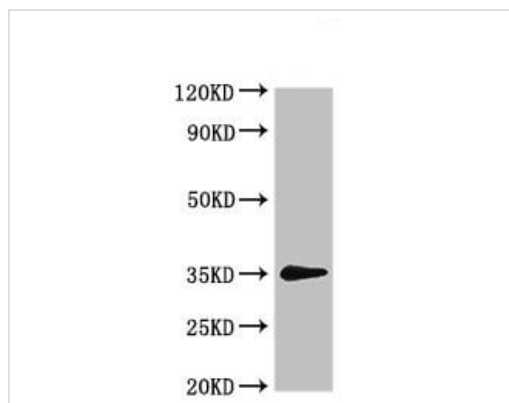
Pathway

Metabolic intermediate biosynthesis; 5-phospho-alpha-D-ribose 1-diphosphate biosynthesis; 5-phospho-alpha-D-ribose 1-diphosphate from D-ribose 5-phosphate (route I): step 1/1.

Sequence similarities

Belongs to the ribose-phosphate pyrophosphokinase family.

Images



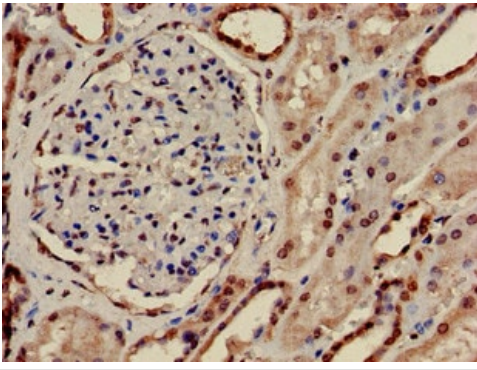
Western blot - Anti-PRPS2 antibody (ab234886)

Anti-PRPS2 antibody (ab234886) at 1/500 dilution + Rat kidney lysate

Secondary

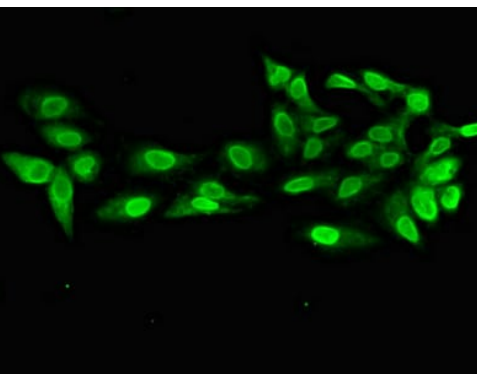
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 35 kDa



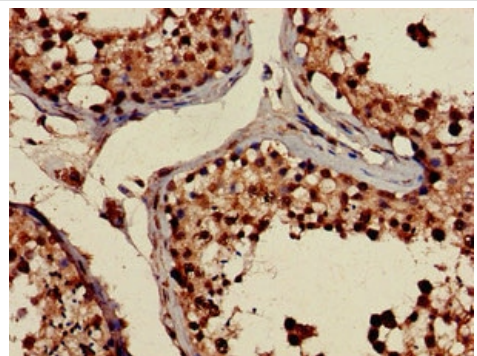
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PRPS2 antibody (ab234886)

Paraffin-embedded human kidney tissue stained for PRPS2 using ab234886 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence - Anti-PRPS2 antibody (ab234886)

HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for PRPS2 (green) using ab234886 at 1/100 dilution in ICC/IF. Secondary antibody was Alexa Fluor[®] 488-conjugated goat anti-rabbit IgG (H+L).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PRPS2 antibody (ab234886)

Paraffin-embedded human testis tissue stained for PRPS2 using ab234886 at 1/100 dilution in immunohistochemical analysis.

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