




Product datasheet

Anti-FN3K-RP antibody ab199276

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Overview

Product name	Anti-FN3K-RP antibody
Description	Rabbit polyclonal to FN3K-RP
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Recombinant fragment corresponding to Human FN3K-RP aa 50-250. BC007611. Database link: Q9HA64  Run BLAST with  Run BLAST with
Positive control	293T, U87 and Jurkat cell lysates; Human fetal kidney 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	Lyophilized:Reconstitute in 200ul sterile H2O.
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: 7.20 Preservative: 0.02% Sodium azide Constituents: 1% BSA, 98% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab199276 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 - 1/500.
WB		1/200 - 1/1000. Predicted molecular weight: 34 kDa.

Target

Function

Phosphorylates psicossamines and ribulosamines, but not fructosamines, on the third carbon of the sugar moiety. Protein-bound psicossamine 3-phosphates and ribulosamine 3-phosphates are unstable and decompose under physiological conditions. Thus phosphorylation leads to deglycation.

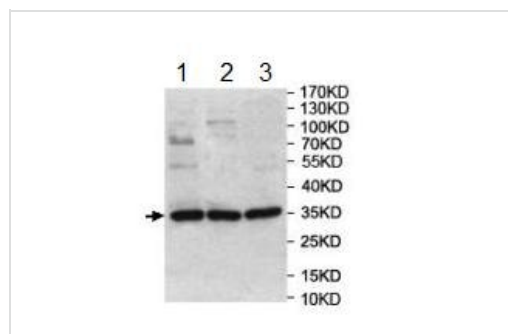
Tissue specificity

Expressed in erythrocytes.

Sequence similarities

Belongs to the fructosamine kinase family.

Images



Western blot - Anti-FN3K-RP antibody (ab199276)

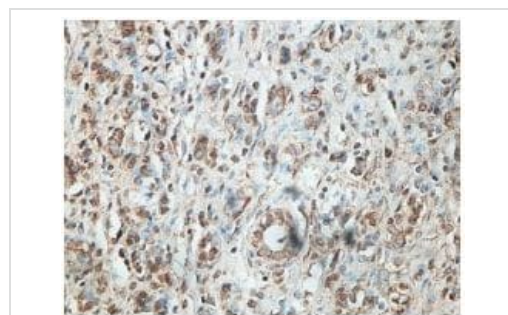
All lanes : Anti-FN3K-RP antibody (ab199276) at 1/500 dilution

Lane 1 : 293T cell lysate

Lane 2 : U87 cell lysate

Lane 3 : Jurkat cell lysate

Predicted band size: 34 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FN3K-RP antibody (ab199276)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human fetal kidney tissue labeling FN3K-RP with ab199276 at 1/100 dilution.

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

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors