abcam

Product datasheet

Anti-FN3K antibody ab228639

2 Images

Overview

Product name	Anti-FN3K antibody
Description	Rabbit polyclonal to FN3K
Host species	Rabbit
Tested applications	**Suitable for:** WB, IHC-P
Species reactivity	**Reacts with:** Human **Predicted to work with:** Mouse, Cow
Immunogen	Recombinant fragment within Human FN3K (internal sequence). The exact sequence is proprietary. Database link: **Q9H479**
Positive control	WB: HepG2 whole cell lysate. IHC-P: Human hepatoma tissue.
General notes	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. 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

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: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab228639 in the following tested applications.

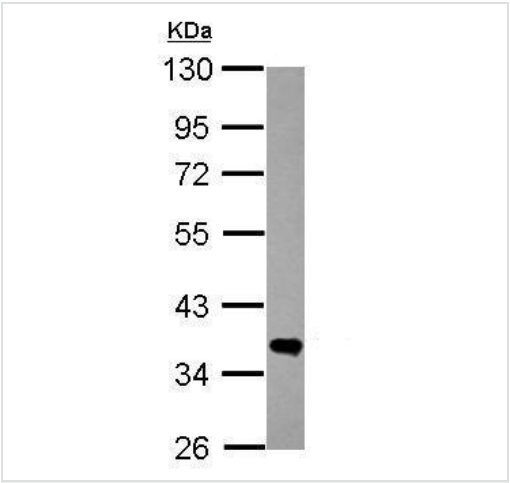
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 35 kDa.
IHC-P		1/100 - 1/1000.

Target

Relevance FN3K catalyzes phosphorylation of fructosamines formed by glycation, the non-enzymatic reaction of glucose with primary amines followed by Amadori re-arrangement. Phosphorylation of fructosamines may initiate metabolism of the modified amine and lead to the de-glycation of fructoselysine and of glycated proteins.

Images



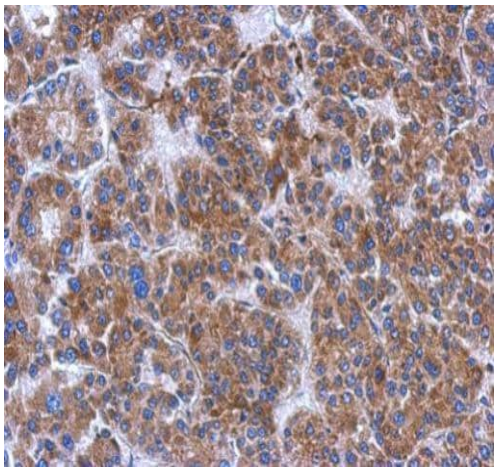
Western blot - Anti-FN3K antibody (ab228639)

Anti-FN3K antibody (ab228639) at 1/1000 dilution + HepG2 (human liver hepatocellular carcinoma cell line) whole cell lysate at 30 µg

Developed using the ECL technique.

Predicted band size: 35 kDa

10% SDS-PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FN3K antibody (ab228639)

Paraffin-embedded human hepatoma tissue stained for FN3K with ab228639 at 1/500 dilution in immunohistochemical analysis.

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- 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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