

## Product datasheet

# Anti-FN3K antibody ab77428

[2 Images](#)

### Overview

<b>Product name</b>	Anti-FN3K antibody
<b>Description</b>	Mouse monoclonal to FN3K
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Human, Recombinant fragment
<b>Immunogen</b>	Recombinant fragment, corresponding to amino acids 61-171 of Human FN3K with tag (NP_071441).
<b>Positive control</b>	HepG2 cell lysate; Recombinant fragment of human FNK3.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 1X PBS, pH 7.2
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Light chain type</b>	kappa

### Applications

Our [Abpromise guarantee](#) covers the use of **ab77428** 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		Use a concentration of 1 - 5 µg/ml. Detects a band of approximately 35 kDa (predicted molecular weight: 35 kDa).

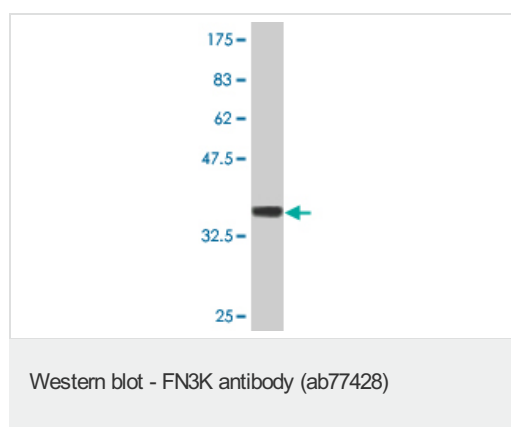
Application	Abreviews	Notes
ELISA		Use at an assay dependent dilution.

## 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



Anti-FN3K antibody (ab77428) at 5 µg/ml +  
Recombinant fragment of human FN3K at 0.2 µg

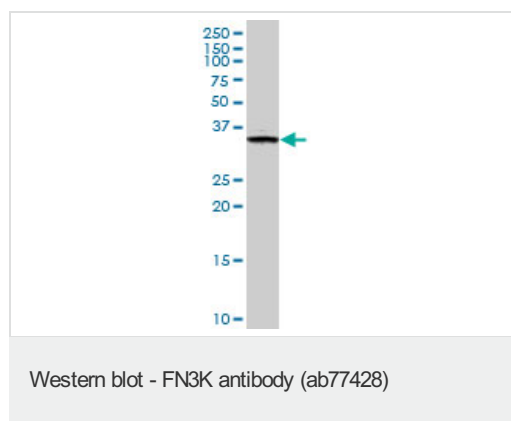
### Secondary

Goat anti-Mouse IgG (H&L)-HRP at 1/5000 dilution

**Predicted band size:** 35 kDa

**Observed band size:** 38 kDa

Western blot against tagged recombinant protein immunogen using ab77428 antibody at 5ug/ml. Predicted band size of immunogen is 35kDa.



Anti-FN3K antibody (ab77428) at 5 µg/ml +  
HepG2 cell lysate at 25 µg

### Secondary

Goat anti-Mouse IgG (H&L)-HRP at 1/2500 dilution

**Predicted band size:** 35 kDa

**Observed band size:** 35 kDa

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