

Product datasheet

Anti-FN3K antibody ab77428

[2 Images](#)

Overview

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

Properties

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

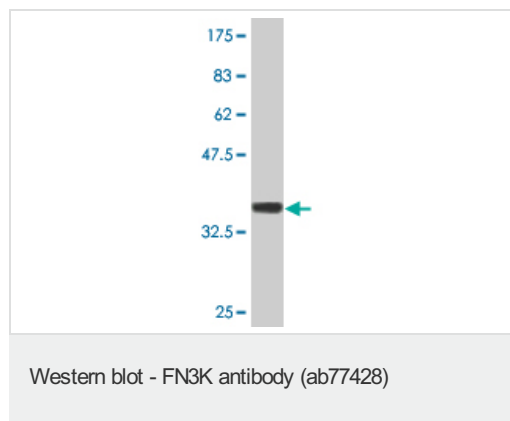
Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. Detects a band of approximately 35 kDa (predicted molecular weight: 35 kDa).
ELISA		Use at an assay dependent dilution.

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



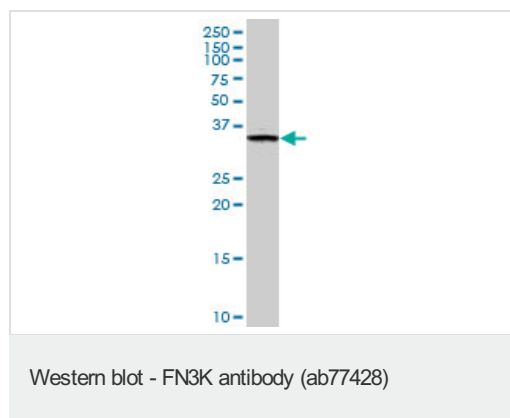
Anti-FN3K antibody (ab77428) at 5 µg/ml +
Recombinant fragment of human FN3K at 0.2
µg

Secondary

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

Predicted band size : 35 kDa

Observed band size : 38 kDa



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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