

DATASHEET

FN3K Rabbit Polyclonal Antibody

CAT. NO. APA15652

KEY FEATURES

Target	FN3K	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Fructosamine-3-kinase involved in protein deglycation by mediating phosphorylation of fructoselysine residues on glycosylated proteins, to generate fructoselysine-3 phosphate. Fructoselysine-3 phosphate adducts are unstable and decompose under physiological conditions. Involved in intracellular deglycation in erythrocytes. Involved in the response to oxidative stress by mediating deglycation of NFE2L2/NRF2, glycation impairing NFE2L2/NRF2 function. Also able to phosphorylate psicosamines and ribulosamines.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
----	----------------

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

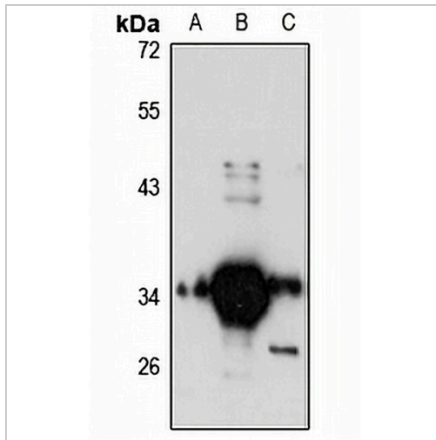
Description	Rabbit polyclonal antibody to FN3K
Specificity	Recognizes endogenous levels of FN3K protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human FN3K. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 35 kD; Observed: 35 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Fructosamine-3-kinase
Gene Symbol	FN3K
Entrez Gene	64122(Human); 63828(Mouse)
SwissProt	Q9H479(Human); Q9ER35(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**FN3K Rabbit Polyclonal Antibody**

CAT. NO. APA15652

DATA

Western blot analysis of FN3K expression in HeLa (A), mouse brain (B), mouse heart (C) whole cell lysates. (Predicted band size: 35 kD; Observed band size: 35 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.