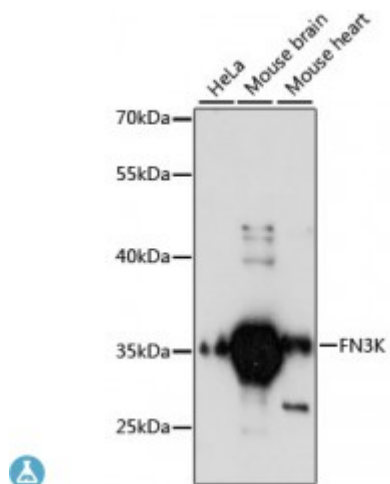


Anti-FN3K Antibody



Description

A high concentration of glucose can result in non-enzymatic oxidation of proteins by reaction of glucose and lysine residues (glycation). Proteins modified in this way, fructosamines, are less active or functional. This gene encodes an enzyme which catalyzes the phosphorylation of fructosamines which may result in deglycation.

Model	STJ115680
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human FN3K (NP_071441.1).
Gene ID	64122
Gene Symbol	FN3K
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed in erythrocytes
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Fructosamine-3-kinase
Molecular Weight	35.171 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:24822 OMIM:608425 Reactome:R-HSA-163841
Alternative Names	Fructosamine-3-kinase
Function	May initiate a process leading to the deglycation of fructoselysine and of glycated proteins, May play a role in the phosphorylation of 1-deoxy-1-morpholinofructose (DMF), fructoselysine, fructoseglycine, fructose and glycated lysozyme

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