

FN3KRP

Reactivity:Human Mouse Rat

Tested applications:WB IHC IF

Recommended Dilution:WB 1:200 - 1:2000 IHC 1:20 - 1:200 IF 1:20 - 1:100

Calculated MW:34kDa

Observed MW:Refer to figures

Immunogen:

A synthetic Peptide of human FN3KRP

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

FN3KL;

Catalog #:A4977

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:79672

Isotype:IgG

Swiss Prot:Q9HA64

Purity:Affinity purification

For research use only.

Background:

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 are less active or functional. This gene encodes an enzyme which catalyzes the phosphorylation of psicosamines and ribulosamines compared to the neighboring gene which encodes a highly similar enzyme, fructosamine-3-kinase, which has different substrate specificity. The activity of both enzymes may result in deglycation of proteins to restore their function. Alternative splicing results in multiple transcript variants.

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