www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

# 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.

***To place an order, please Click HERE.***