

SUMO4

Reactivity:Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:1000 - 1:2000 IHC 1:100 - 1:300

Calculated MW:12kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human SUMO4

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

100µg/ml

Synonym:

IDDM5; SMT3H4; SUMO-4; dJ281H8.4;

Catalog #:A3100

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:387082

Isotype:IgG

Swiss Prot:Q6EEV6

Purity:Affinity purification

For research use only.

Background:

This gene is a member of the SUMO gene family. This family of genes encode small ubiquitin-related modifiers that are attached to proteins and control the target proteins' subcellular localization, stability, or activity. The protein described in this record is located in the cytoplasm and specifically modifies IKBA, leading to negative regulation of NF-kappa-B-dependent transcription of the IL12B gene. A specific polymorphism in this SUMO gene, which leads to the M55V substitution, has been associated with type I diabetes. The RefSeq contains this polymorphism.

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