

## 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:**

hop

**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.

**To place an order, please [Click HERE](#).**