

SUMO4 Rabbit Polyclonal Antibody

Catalog No: #55244

Package Size: #55244-1 50ul #55244-2 100ul



SAB[®]
Signalway Antibody

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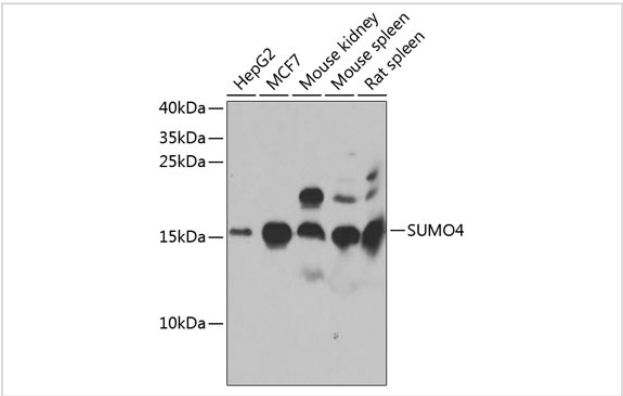
Description

Product Name	SUMO4 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human SUMO4 (NP_001002255.1).
Conjugates	Unconjugated
Other Names	SUMO4;IDDM5;SMT3H4;SUMO-4;dJ281H8.4
Accession No.	Swiss Prot:Q6EEV6GeneID:387082
Calculated MW	10kDa
SDS-PAGE MW	15kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

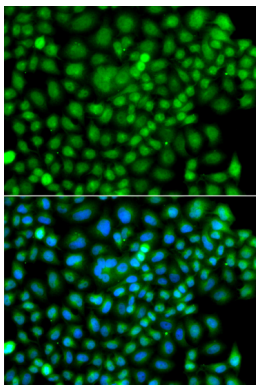
Application Details

WB 1:500 - 1:2000IF 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using SUMO4 at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 40s.



Immunofluorescence analysis of A549 cells using SUMO4 .
Blue: DAPI for nuclear staining.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.