

Datasheet for ABIN6223423
anti-SUMO4 antibody (AA 1-95)



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2 Images

Overview

Quantity:	20 µL
Target:	SUMO4
Binding Specificity:	AA 1-95
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUMO4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-95 of human SUMO4 (NP_001002255.1).
Sequence:	MANEKPTEEV KTENNNHINL KVAGQDGSVV QFKIKRQTPL SKLMKAYCEP RGLSVKQIRF RFGGQPISGT DKPAQLEMED EDTIDVFQQP TGGVY
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	SUMO4
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Target Details

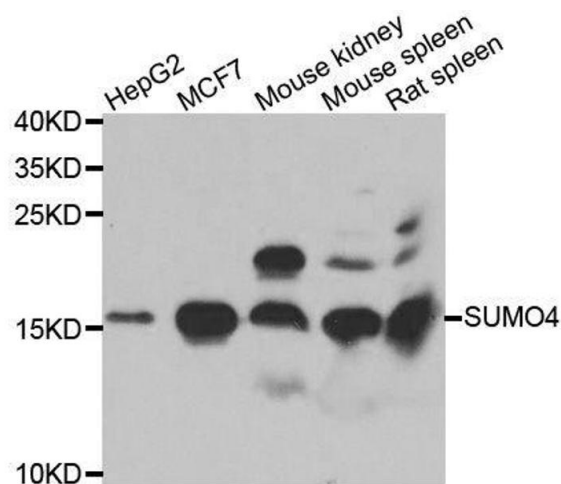
Alternative Name:	SUMO4 (SUMO4 Products)
Background:	<p>This gene is a member of the SUMO gene family. This family of genes encode small ubiquitin-related modifiers that are attached to proteins and control the target proteins' subcellular localization, stability, or activity. The protein described in 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.,SUMO4,IDDM5,SMT3H4,SUMO-4,dJ281H8.4,Epigenetics & Nuclear Signaling,Transcription Factors,Cell Biology & Developmental Biology,Ubiquitin,Endocrine & Metabolism,Mitochondrial metabolism,Immunology & Inflammation,IL-6 Receptor Signaling Pathway,NF-kB Signaling Pathway,SUMO4</p>
Molecular Weight:	10 kDa
Gene ID:	387082
UniProt:	Q6EEV6

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

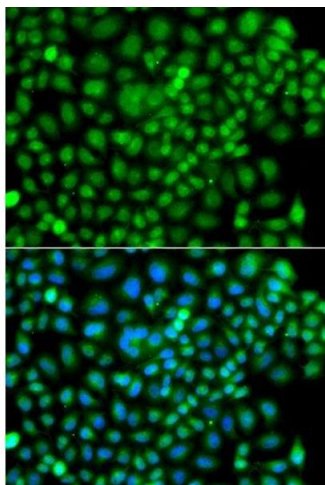
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using SUMO4 antibody.



Immunofluorescence

Image 2. Immunofluorescence analysis of A549 cells using SUMO4 antibody.