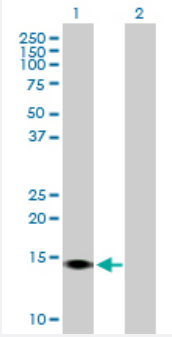
MaxPab®

SUMO4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00387082-B01P Size 50 ug

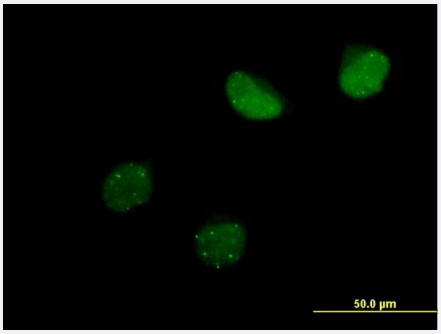
Applications



Western Blot (Transfected lysate)

Western Blot analysis of SUMO4 expression in transfected 293T cell line (H00387082-T01) by SUMO4 MaxPab polyclonal antibody.

Lane 1: SUMO4 transfected lysate(10.45 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to SUMO4 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SUMO4 protein.
Immunogen	SUMO4 (NP_001002255.1, 1 a.a. ~ 95 a.a) full-length human protein.
Sequence	MANEKPTEEVKTENNNHINLKVAGQDGSVVQFKIKRQTPLSKLMKAYCEPRGLSVKQIRFRFGGQ PISGTDKPAQLEMEDEDTIDVFQQPTGGVY
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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  Protocol Download

- Immunofluorescence

  Immunofluorescence of purified MaxPab antibody to SUMO4 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — SUMO4

Entrez GeneID	387082
GeneBank Accession#	NM_001002255.1
Protein Accession#	NP_001002255.1
Gene Name	SUMO4
Gene Alias	IDDM5, SMT3H4, SUMO-4, dJ281H8.4
Gene Description	SMT3 suppressor of mif two 3 homolog 4 (S. cerevisiae)
Omim ID	600320 608829
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq
Other Designations	OTTHUMP00000017390|SMT3 suppressor of mif two 3 homolog 2|SMT3 suppressor of mif two 3 homolog 4|small ubiquitin-like modifier 4 protein|small ubiquitin-like protein 4

Disease

- Addison Disease
- Arthritis
- Autoimmune Diseases
- Behcet Syndrome
- Coronary Disease
- Diabetes
- Diabetes Mellitus
- Diabetic Angiopathies
- Diabetic Nephropathies
- Diabetic Neuropathies
- Diabetic Retinopathy
- Genetic Predisposition to Disease
- Graves Disease
- Lupus Erythematosus
- Psoriasis
- Thyroiditis
- Uveomeningoencephalitic Syndrome