

DNAxPAb

Hard-to-Find
Antibody

SUMO4 DNAxPab

Catalog # H00387082-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SUMO4 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MANEKPTEEVKTENNNHINLKVAGQDGSVVQFKIKRQTPLSKLMKAYCEPRGLSVKQIRFRFGGQ PISGTDKPAQLEMEDEDTIDVFQQPTGGVY
Host	Rabbit
Reactivity	Human
Purification	Protein A
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

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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 IκBα, leading to negative regulation of NF-κB-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](#)