

DNAxPAb

Hard-to-Find
Antibody

SUMO2 DNAxPab

Catalog # H00006613-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SUMO2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MADEKPKEGVKTENNDHINLKVAGQDGSVVQFKIKRHTPLSKLMKAYCERQGLSMRQIRFRFDG QPINETDTPAQLEMEDEDTIDVFQQQTGGVY
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 — SUMO2

Entrez GeneID [6613](#)**GeneBank Accession#** [NM_006937.3](#)**Protein Accession#** [NP_008868.3](#)**Gene Name** SUMO2**Gene Alias** HSMT3, MGC117191, SMT3B, SMT3H2**Gene Description** SMT3 suppressor of mif two 3 homolog 2 (S. cerevisiae)**Omim ID** [603042](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes a protein that is a member of the SUMO (small ubiquitin-like modifier) protein family. It functions in a manner similar to ubiquitin in that it is bound to target proteins as part of a post-translational modification system. However, unlike ubiquitin which targets proteins for degradation, this protein is involved in a variety of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. It is not active until the last two amino acids of the carboxy-terminus have been cleaved off. Numerous pseudogenes have been reported for this gene. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations SMT3 suppressor of mif two 3 homolog 2|sentrin 2|small ubiquitin-like modifier 2, isoform a