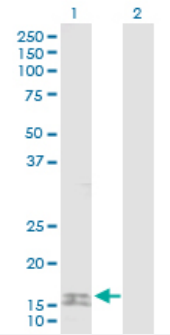
MaxPab®

SUMO2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00006613-D01P Size 100 ug

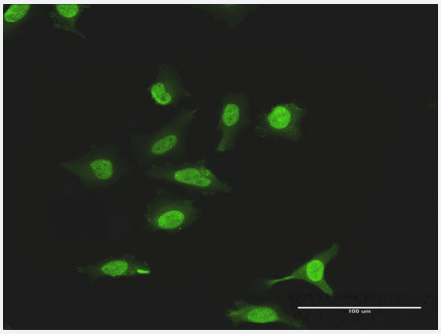
Applications



Western Blot (Transfected lysate)

Western Blot analysis of SUMO2 expression in transfected 293T cell line (H00006613-T02) by SUMO2 MaxPab polyclonal antibody.

Lane 1: SUMO2 transfected lysate(10.90 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to SUMO2 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SUMO2 protein.
Immunogen	SUMO2 (NP_008868.3, 1 a.a. ~ 95 a.a) full-length human protein.
Sequence	MADEKPKEGVKTENNDHINLKVAGQDGSVVQFKIKRHTPLSKLMKAYCERQGLSMRQIRFRFDG QPINETDTPAQLEMEDEDTIDVFQQQTGGVY
Host	Rabbit
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.

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- Western Blot (Transfected lysate)

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  Protocol Download

- Immunofluorescence

  Immunofluorescence of purified MaxPab antibody to SUMO2 on HeLa cell. [antibody concentration 10 ug/ml]

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 p ost-translational modification system. However, unlike ubiquitin which targets proteins for degrada tion, this protein is involved in a variety of cellular processes, such as nuclear transport, transcripti onal 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 gen e. 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