

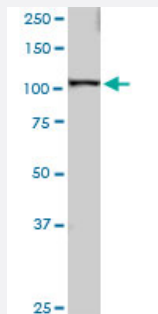
MaxPab®

SART1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009092-B01P

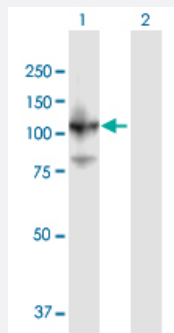
Size 50 ug

Applications



Western Blot (Cell lysate)

SART1 MaxPab polyclonal antibody. Western Blot analysis of SART1 expression in Jurkat.

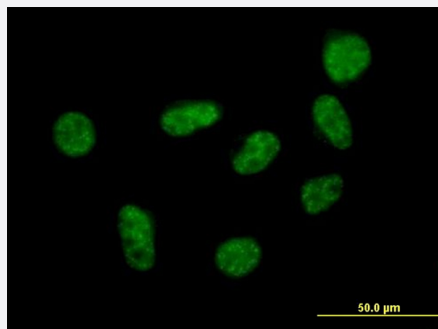


Western Blot (Transfected lysate)

Western Blot analysis of SART1 expression in transfected 293T cell line ([H00009092-T01](#)) by SART1 MaxPab polyclonal antibody.

Lane 1: SART1 transfected lysate(88 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to SART1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human SART1 protein.

Immunogen	SART1 (NP_005137.1, 1 a.a. ~ 800 a.a) full-length human protein.
Sequence	MGSSKKHRGEKEAAGTTAAAGTGGATEQPPRHREHKHKHRSGGSGGSGGERRKRSRERGGERGSGRRGAEEARSSSTHGRERSQAEPSERRVKREKRDDGYEAAASSKTSSGDASSLSIEETNKLRACLGLKPLEVNAIKKEAGTKEEPVTADVNPMLRQREELREKLAAAKEKRLLNQKLGKIKTLGEDDPWLDDTAAWIERSRQLQKEKDLAEKRAKLLEEMDQEFVSTLVEEEFGQRRQDLYSARDLQGLTVEHAIDSFREGETMILTKDKGVLQEEEDVLVNVNLVDKERAENVELRKKKPDYLPYAEDESVDDLAQQKPRSILSKYDEELEGERPHSFRLEQGGTADGLRERELEEIRAKLRLQAQSLSTVGPRLASEYLTPEEMVTFKKTKRRVKKIRKKEKEVVVRADDLLPLGDQTQDGDGFSRLRGRGRRRVSVEVEEKEPVQPPLPSDDTRVENMDISDEEEGGAPPPGSPQVLEEDEAELELQKQLEKGRRLRQLQQLQQLRDSGEKVVEIVKKLESRQRGWEEDEDPERKGAMFNATSEFCRTLGEIPTYGLAGNREEQEELMDFERDEERSANGGSESDGEENIGWSTVNLDEEKQQQDFSSASSTILDEEPIVNRGLAAALLLCQNKGLLETTVQKVARVKAPNKSPLSAVYCIEDKMAIDDKYSRREEYRGFTQDFKEKDGYKPDVKIEYVDETGRKLTPEAFRQLSHRFHGKSGSKMKTERRMKKLDEEALLKKMSSSDTPLGTVALLQEKQKAQKTPYVLSGSGKSMNANTITK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
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 (Cell lysate)

SART1 MaxPab polyclonal antibody. Western Blot analysis of SART1 expression in Jurkat.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SART1 expression in transfected 293T cell line ([H00009092-T01](#)) by SART1 MaxPab polyclonal antibody.

Lane 1: SART1 transfected lysate(88 KDa).

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to SART1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — SART1

Entrez GeneID [9092](#)

GeneBank Accession# [NM_005146.3](#)

Protein Accession# [NP_005137.1](#)

Gene Name SART1

Gene Alias Ara1, HOMS1, MGC2038, SART1259, SNRNP110, Snu66

Gene Description squamous cell carcinoma antigen recognized by T cells

Omim ID [605941](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes two proteins, the SART1(800) protein expressed in the nucleus of the majority of proliferating cells, and the SART1(259) protein expressed in the cytosol of epithelial cancers. The SART1(259) protein is translated by the mechanism of -1 frameshifting during posttranscriptional regulation; its full-length sequence is not published yet. The two encoded proteins are thought to be involved in the regulation of proliferation. Both proteins have tumor-rejection antigens. The SART1(259) protein possesses tumor epitopes capable of inducing HLA-A2402-restricted cytotoxic T lymphocytes in cancer patients. This SART1(259) antigen may be useful in specific immunotherapy for cancer patients and may serve as a paradigmatic tool for the diagnosis and treatment of patients with atopy. The SART1(259) protein is found to be essential for the recruitment of the tri-snRNP to the pre-spliceosome in the spliceosome assembly pathway. [provided by RefSeq]

Other Designations

IgE autoantigen|SART1(259) protein|SART1(800) protein|U4/U6.U5 tri-snRNP-associated 110 kDa protein|small nuclear ribonucleoprotein 110kDa (U4/U6.U5)|squamous cell carcinoma antigen recognised by T cells|squamous cell carcinoma antigen recognized by T cel

Publication Reference

- [Cx43 can form functional channels at the nuclear envelope and modulate gene expression in cardiac cells.](#)

Tania Martins-Marques, Katja Witschas, Ilda Ribeiro, Mónica Zuzarte, Steve Catarino, Teresa Ribeiro-Rodrigues, Francisco Caramelo, Trond Aasen, Isabel Marques Carreira, Lino Goncalves, Luc Leybaert, Henrique Girao.

Open Biology 2023 Nov; 13(11):230258.

Application: N/A, N/A, N/A

Disease

- [Adenocarcinoma](#)

- [Genetic Predisposition to Disease](#)
- [Male Urogenital Diseases](#)
- [Pancreatic Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)