



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## SH2D1A MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00004068-B01

規格 : [ 50 uL ]

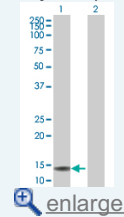
[List All](#)

### Specification

<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length human SH2D1A protein.
<b>Immunogen:</b>	SH2D1A (NP_002342, 1 a.a. ~ 128 a.a) full-length human protein.
<b>Sequence:</b>	MDAVAVYHGKISRETGEKLLLATGLDGSYLLRDSSESVPGVYCLCVLYHG YIYTYRVSQTETGSWSAETAPGVHKRYFRKIKNLISAFQKPDQGIVPLQY PVEKKSSARSTQGTGIREDPDVCLKAP
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Quality Control Testing:</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer:</b>	No additive
<b>Storage Instruction:</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Note:</b>	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.
<b>MSDS:</b>	 <a href="#">Download</a>
<b>Datasheet:</b>	 <a href="#">Download</a>

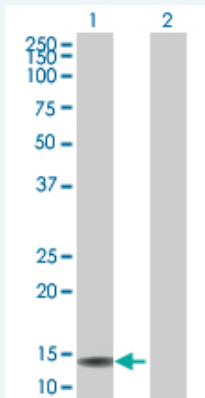
### Application Image

Western Blot (Transfected lysate)



### Applications

#### Western Blot (Transfected lysate)



Western Blot analysis of SH2D1A expression in transfected 293T cell line ([H00004068-T01](#)) by SH2D1A MaxPab polyclonal antibody.

Lane 1: SH2D1A transfected lysate(14.08 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

### Gene Information

**Entrez GeneID:** [4068](#)

**GeneBank  
Accession#:** [NM\\_002351](#)

**Protein  
Accession#:** [NP\\_002342](#)

**Gene Name:** SH2D1A

**Gene Alias:** DSHP,EBVS,FLJ18687,FLJ92177,IMD5,LYP,MTCP1,SAP,XLP,XLPD

**Gene  
Description:** SH2 domain protein 1A

**Omim ID:** [300490](#), [308240](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** This gene encodes a protein that plays a major role in the bidirectional stimulation of T and B cells. This protein contains an SH2 domain and a short tail. It associates with the signaling lymphocyte-activation molecule, thereby acting as an inhibitor of this transmembrane protein by blocking the recruitment of the SH2-domain-containing signal-transduction molecule SHP-2 to its docking site. This protein can also bind to other related surface molecules that are expressed on activated T, B and NK cells, thereby modifying signal transduction pathways in these cells. Mutations in this gene cause lymphoproliferative syndrome X-linked type 1 or Duncan disease, a rare immunodeficiency characterized by extreme susceptibility to infection with Epstein-Barr virus, with symptoms including severe mononucleosis and malignant lymphoma. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other  
Designations:** Duncan's disease,OTTHUMP00000023976,SLAM-associated protein,T cell signal transduction molecule SAP,signaling lymphocyte activation molecule-associated protein

### Gene Pathway

[Natural killer cell mediated cytotoxicity](#)

### Related Disease

[Common Variable Immunodeficiency](#) [Epstein-Barr Virus Infections](#)  
[Genetic Predisposition to Disease](#) [Immunologic Deficiency Syndromes](#)  
[Infectious Mononucleosis](#) [Lymphoma](#) [Lymphoproliferative Disorders](#)  
[Severe Combined Immunodeficiency](#)

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