

DNAxPAb

Hard-to-Find  
Antibody

## SH2D1A DNAxPab

Catalog # H00004068-W01P      Size 200 ug

### Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human SH2D1A DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Extracellular membrane domain (ECD) human DNA
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 — SH2D1A

Entrez GeneID	<a href="#">4068</a>
GeneBank Accession#	<a href="#">NM_002351.1</a>
Protein Accession#	<a href="#">NP_002342.1</a>
Gene Name	SH2D1A
Gene Alias	DSHP, EBVS, FLJ18687, FLJ92177, IMD5, LYP, MTCP1, SAP, XLP, XLPD
Gene Description	SH2 domain protein 1A
Omim ID	<a href="#">300490</a> <a href="#">308240</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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]</p>
Other Designations	Duncan's disease OTTHUMP00000023976 SLAM-associated protein T cell signal transduction molecule SAP signaling lymphocyte activation molecule-associated protein

## Pathway

- [Natural killer cell mediated cytotoxicity](#)

## Disease

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

- [Lymphoproliferative Disorders](#)
- [Severe Combined Immunodeficiency](#)