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Datasheet for ABIN7169452  
**anti-SH2D1A antibody (AA 11-124) (HRP)**

## Overview

Quantity:	100 µg
Target:	SH2D1A
Binding Specificity:	AA 11-124
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SH2D1A antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human SH2 domain-containing protein 1A protein (11-124AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	SH2D1A
Alternative Name:	SH2D1A ( <a href="#">SH2D1A Products</a> )
Background:	Background: Cytoplasmic adapter regulating receptors of the signaling lymphocytic activation molecule (SLAM) family such as SLAMF1, CD244, LY9, CD84, SLAMF6 and SLAMF7. In SLAM

## Target Details

signaling seems to cooperate with SH2D1B/EAT-2. Initially it has been proposed that association with SLAMF1 prevents SLAMF1 binding to inhibitory effectors including INPP5D/SHIP1 and PTPN11/SHP-2 (PubMed:11806999). However, by simultaneous interactions, recruits FYN which subsequently phosphorylates and activates SLAMF1 (PubMed:12458214). Positively regulates CD244/2B4- and CD84-mediated natural killer (NK) cell functions. Can also promote CD48-, SLAMF6 -, LY9-, and SLAMF7-mediated NK cell activation. In the context of NK cell-mediated cytotoxicity enhances conjugate formation with target cells (By similarity). May also regulate the activity of the neurotrophin receptors NTRK1, NTRK2 and NTRK3.

Aliases: DSHP antibody, Duncan disease SH2 protein antibody, Duncan disease SH2-protein antibody, EBVS antibody, IMD5 antibody, LYP antibody, MTCP1 antibody, SAP antibody, SAP/SH2D1A antibody, SH2 domain containing 1A antibody, SH2 domain protein 1A antibody, SH2 domain-containing protein 1A antibody, SH21A\_HUMAN antibody, SH2D1A antibody, Signaling lymphocyte activation molecule associated protein antibody, Signaling lymphocytic activation molecule-associated protein antibody, SLAM associated protein antibody, SLAM associated protein/SH2 domain protein 1A antibody, SLAM-associated protein antibody, T cell signal transduction molecule SAP antibody, T-cell signal transduction molecule SAP antibody, XLP antibody, XLPD antibody

UniProt: [O60880](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Handling

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Storage: -20 °C, -80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.