

Datasheet for ABIN1881802

anti-SH2D1A antibody (C-Term)

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Overview

Quantity:	400 µL
Target:	SH2D1A
Binding Specificity:	AA 85-114, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SH2D1A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This SH2D1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 85-114 amino acids from the C-terminal region of human SH2D1A.
Clone:	RB41923
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SH2D1A
Alternative Name:	SH2D1A (SH2D1A Products)
Background:	This gene encodes a protein that plays a major role in the bidirectional stimulation of T and B

Target Details

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.

Molecular Weight:	14187
NCBI Accession:	NP_001108409 , NP_002342
UniProt:	O60880
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

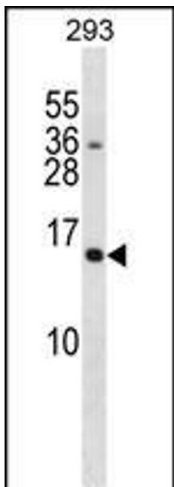
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Expiry Date:	6 months

Publications

Product cited in:	Guzel, Yazici, Pek, Doganay, Simsek, Saglam, Turan, Yazici: "Atrial natriuretic peptide and posterior pituitary neurohormone changes in patients with acute schizophrenia." in:
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Neuropsychiatric disease and treatment, Vol. 14, pp. 1855-1860, (2018) ([PubMed](#)).

Yuksel, Ital, Balaban, Kocak, Seven, Kucur, Erbakirci, Keskin: "Immediate breastfeeding and skin-to-skin contact during cesarean section decreases maternal oxidative stress, a prospective randomized case-controlled study." in: **The journal of maternal-fetal & neonatal medicine**, Vol. 29, Issue 16, pp. 2691-6, (2017) ([PubMed](#)).



Western Blotting

Image 1. SH2D1A Antibody (C-term) (ABIN1881802 and ABIN2838903) western blot analysis in 293 cell line lysates (35 µg/lane). This demonstrates the SH2D1A antibody detected the SH2D1A protein (arrow).