Datasheet for ABIN2776068

anti-DIDO1 antibody (N-Term)

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	DIDO1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Guinea Pig, Horse, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DIDO1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DIDO1
Sequence:	ERVEQFLTIA RRRGRRSMPV SLEDSGEPTS CPATDAETAS EGSVESASET
Predicted Reactivity:	Cow: 92%, Dog: 92%, Guinea Pig: 86%, Horse: 92%, Human: 100%, Mouse: 92%, Rabbit: 100%, Rat: 92%, Yeast: 79%
Characteristics:	This is a rabbit polyclonal antibody against DIDO1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DIDO1

Copyright antibodies-online. All rights reserved.

Target Details

Alternative Name:	DIDO1 (DIDO1 Products)
Background:	In mice, the death inducer-obliterator-1 gene is upregulated by apoptotic signals and encodes a cytoplasmic protein that translocates to the nucleus upon apoptotic signal activation. When overexpressed, the mouse protein induced apoptosis in cell lines growing in vitro. DIDO1 gene is similar to the mouse gene and therefore is thought to be involved in apoptosis.Apoptosis, a major form of cell death, is an efficient mechanism for eliminating unwanted cells and is of central importance for development and homeostasis in metazoan animals. In mice, the death inducer-obliterator-1 gene is upregulated by apoptotic signals and encodes a cytoplasmic protein that translocates to the nucleus upon apoptotic signal activation. When overexpressed, the mouse protein induced apoptosis in cell lines growing in vitro. This gene is similar to the mouse gene and therefore is thought to be involved in apoptosis. Alternatively spliced transcripts have been found for this gene, encoding multiple isoforms. Alias Symbols: BYE1, DIO1, DATF1, DIDO2, DIDO3, DIO-1, DATF-1, C20orf158, dJ885L7.8 Protein Interaction Partner: UBC, WWOX, RPA3, RPA2, RPA1, EED, BMI1, HECW2, SRPK2, KCNK4, ARAF, Dlg4, H2AFY, U2AF1, SON, RPL18A, KRT7, APP, PCDHA2, H2AFY2, GNL3, RRS1, SIRT7, SUMO2, WWP2, WWP1, DVL3, SRSF1, HNRNPK, Protein Size: 544
Molecular Weight:	59 kDa
Gene ID:	11083
NCBI Accession:	NM_080797, NP_542987
Pathways:	Hormone Activity

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 544 AA
Restrictions:	For Research Use only

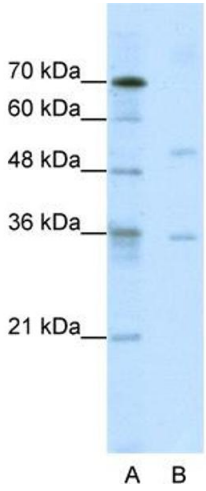
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Handling

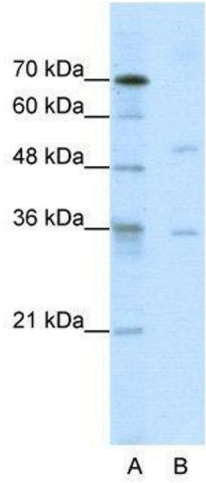
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-DIDO1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate DIDO1 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



Western Blotting

Image 2. WB Suggested Anti-DIDO1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.2500

Positive Control: Jurkat cell lysate

DIDO1 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells