



Datasheet for ABIN2780944

anti-SART3 antibody (N-Term)



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4 Images

1 Publication

Overview

Quantity:	100 µL
Target:	SART3
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Guinea Pig, Dog, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SART3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SART3
Sequence:	TSASEPEAES KAGPKADGEE DEVKAARTRR KVLSRAVAAA TYKTMGPAWD
Predicted Reactivity:	Dog: 77%, Guinea Pig: 79%, Horse: 79%, Human: 100%, Pig: 86%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against SART3. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	SART3
Alternative Name:	SART3 (SART3 Products)

Target Details

Background:	<p>SART3 is an RNA-binding nuclear protein that is a tumor-rejection antigen. This antigen possesses tumor epitopes capable of inducing HLA-A24-restricted and tumor-specific cytotoxic T lymphocytes in cancer patients and may be useful for specific immunotherapy. SART3 is found to be an important cellular factor for HIV-1 gene expression and viral replication. It also associates transiently with U6 and U4/U6 snRNPs during the recycling phase of the spliceosome cycle. This protein is thought to be involved in the regulation of mRNA splicing.</p> <p>Alias Symbols: P100, p110, DSAP1, TIP110, p110(nrb), RP11-13G14</p> <p>Protein Interaction Partner: APBB1, PRPF3, Usp15, AMOT, SF3B1, NUP160, LRPPRC, THRAP3, BCLAF1, VARS, UBC, SUMO2, RAB1A, NEFM, IARS, HIF1A, DSG2, DHX9, MEPCE, HIST2H2BE, HIST2H2AC, RNF2, BMI1, RUFY1, NRBP1, PSME4, AKAP2, COPS5, NUP50, POP7, ARHGEF10, PSMB3, PSMA5, PSMA3, POLR2H, CAST,</p> <p>Protein Size: 364</p>
Molecular Weight:	40 kDa
Gene ID:	9733
NCBI Accession:	NM_014706
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 364 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.
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.

Handling

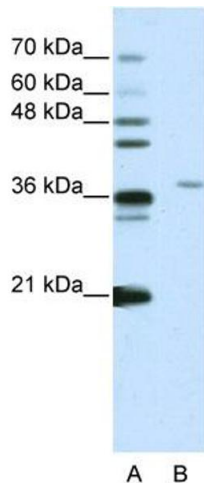
Storage: -20 °C

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.

Publications

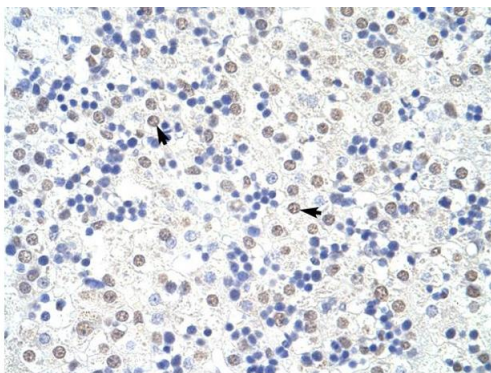
Product cited in: Rind, Schmeiser, Thiel, Absmanner, Lübbehusen, Hocks, Apeshiotis, Wilichowski, Lehle, Körner: "A severe human metabolic disease caused by deficiency of the endoplasmatic mannosyltransferase hALG11 leads to congenital disorder of glycosylation-Ip." in: **Human molecular genetics**, Vol. 19, Issue 8, pp. 1413-24, (2010) ([PubMed](#)).

Images



Western Blotting

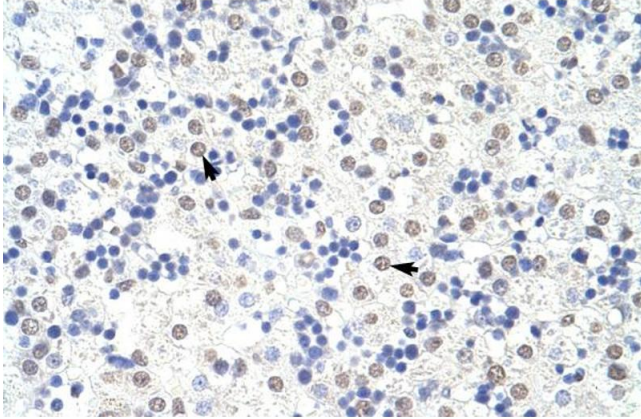
Image 1. WB Suggested Anti-SART3 Antibody Titration: 2.5ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate SART3 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



Rabbit Anti-SART3 Antibody
Catalog Number: ARP39128
Lot Number: QC9405
Paraffin Embedded Tissue: Human Liver
Cells with Positive label: Hepatocytes (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Human Liver



Immunohistochemistry

Image 3. Human Liver

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2780944.