Datasheet for ABIN2779673

anti-SIN3A antibody (N-Term)

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Overview

Quantity:	100 µL
Target:	SIN3A
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIN3A 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 SIN3A
Sequence:	KRRLDDQESP VYAAQQRRIP GSTEAFPHQH RVLAPAPPVY EAVSETMQSA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 92%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SIN3A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SIN3A

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Target Details

Alternative Name:	SIN3A (SIN3A Products)
Background:	SIN3A is a transcriptional regulatory protein. It contains paired amphipathic helix (PAH) domains, which are important for protein-protein interactions and may mediate repression by the Mad-Max complex.The protein encoded by this gene is a transcriptional regulatory protein. It contains paired amphipathic helix (PAH) domains, which are important for protein-protein interactions and may mediate repression by the Mad-Max complex. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. Alias Symbols: DKFZP434K2235, FLJ90319, KIAA0700 Protein Interaction Partner: CHFR, HDAC1, DDB1, CUL4B, HIF1A, UBC, ZBTB16, NEDD8, SUMO1, EED, SHFM1, MAD1L1, STAT3, TAL1, HDAC2, BHLHE40, ESR1, SAP30L, BRMS1, SAP30, RBBP4, KLF11, EPAS1, SNCA, S100A10, NOTCH2, THADA, SEPT11, TTLL12, AHCYL1, PDLIM5, SEC22B, SLC9A3R2, SF1, TP53, TOM1L2 Protein Size: 1273
Molecular Weight:	145 kDa
Gene ID:	25942
NCBI Accession:	NM_015477, NP_056292
UniProt:	Q96ST3
Pathways:	Activation of Innate immune Response, Carbohydrate Homeostasis, Chromatin Binding, Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1273 AA
Restrictions:	For Research Use only

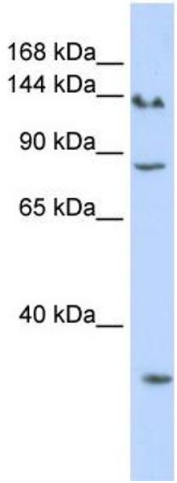
Handling

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

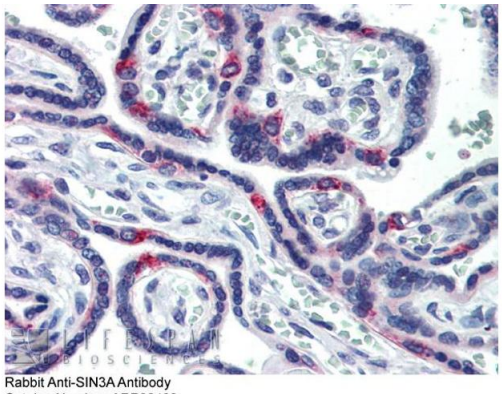
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For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

Images



Western Blotting

Image 1. WB Suggested Anti-SIN3A Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Hela cell lysate



Rabbit Anti-SIN3A Antibody
Catalog Number: ARP32483
Lot Number: QC2168
Paraffin Embeded Tissue: Human Placenta
Antibody Concentration: 5.0 µg/ml

Data courtesy of Lifespan Biosciences, Inc.

Immunohistochemistry

Image 2. Immunohistochemistry with Human Placenta lysate tissue at an antibody concentration of 5.0ug/ml using anti-SIN3A antibody