

SIN3A recombinant antibody

SIN3A Antibody

CATALOG # AAA243865	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

SIN3A; Monoclonal Recombinant Antibody; SIN3A Antibody; Paired amphipathic helix protein Sin3a (Histone deacetylase complex subunit Sin3a) (Transcriptional corepressor Sin3a); SIN3A recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	10G3
Purity/Purification	Affinity-chromatography
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, PH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for SIN3A recombinant antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antibody Type	Recombinant Antibody
Conjugation	Non-conjugated
Immunogen	A synthesized peptide derived from human mSin3A
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 Cells at 1:250, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% TritonX-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG ?H+L?.



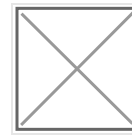
IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human ovarian cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)

Western Blot Positive WB detected in: K562 whole cell lysate, MCF-7 whole cell lysate
All lanes: mSin3A antibody at 1:1000 Secondary Goat polyclonal to rabbit IgG at 1/50000
dilution Predicted band size: 146 kDa Observed band size: 146 kDa

ADDITIONAL INFORMATION

Related Product Information for SIN3A recombinant antibody	Acts as a transcriptional repressor. Corepressor for REST. Interacts with MXI1 to repress MYC responsive genes and antagonize MYC oncogenic activities. Also interacts with MXD1-MAX heterodimers to repress transcription by tethering SIN3A to DNA. Acts cooperatively with OGT to repress transcription in parallel with histone deacetylation. Involved in the control of the circadian rhythms. Required for the transcriptional repression of circadian target genes, such as PER1, mediated by the large PER complex through histone deacetylation. Cooperates with FOXK1 to regulate cell cycle progression probably by repressing cell cycle inhibitor genes expression (By similarity).
Product Categories/Family for SIN3A recombinant antibody	Epigenetics and Nuclear Signaling; Cancer; Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	223941782
NCBI GeneID	25942
NCBI Accession #	NP_001138829.1
NCBI GenBank Nucleotide #	NM_001145357.1
UniProt Accession #	Q96ST3; Q8N8N4; Q8NC83; Q8WV18; Q96L98; Q9UFQ1; B2RNS5
Molecular Weight	1273
NCBI Official Full Name	paired amphipathic helix protein Sin3a
NCBI Official Synonym Full Names	SIN3 transcription regulator family member A
NCBI Official Symbol	SIN3A
NCBI Protein Information	paired amphipathic helix protein Sin3a; transcriptional regulator, SIN3A; transcriptional corepressor Sin3a; transcriptional co-repressor Sin3A; SIN3 transcription regulator homolog A; SIN3 homolog A, transcription regulator; histone deacetylase complex s
UniProt Protein Name	Paired amphipathic helix protein Sin3a
UniProt Gene Name	SIN3A
UniProt Entry Name	SIN3A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/sin3a-recombinant-antibody-clone-10g3-immunofluorescence-immunohistochemistry-western-blot-elisa/243865>