

## SIN3A antibody

Cat. No. GTX129156

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IP, ChIP assay
Reactivity	Human, Mouse, Rat

References ( 2 )

Package

100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	1:100-1:500
ChIP assay	Assay dependent

Not tested in other applications.

**Calculated MW** 145 kDa. ( [Note](#) )

**Product Note** KO/KD validation is based on published data (PMID: 28805661).

## Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.38 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of human SIN3A. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

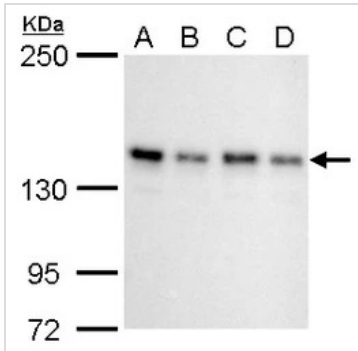


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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**

**GTX129156 WB Image**

SIN3A antibody detects SIN3A protein by western blot analysis.

A 293T whole cell lysate/extract

B A431 whole cell lysate/extract

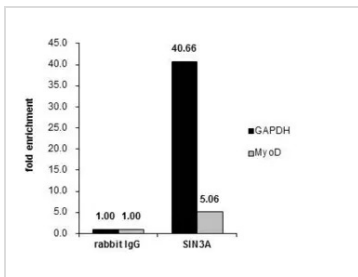
C HeLa whole cell lysate/extract

D HepG2 whole cell lysate/extract

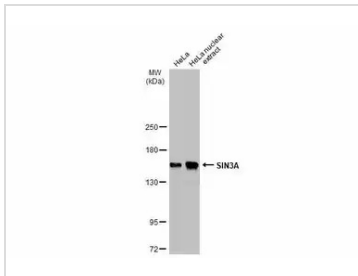
5% SDS-PAGE

SIN3A antibody (GTX129156) dilution: 1:1000

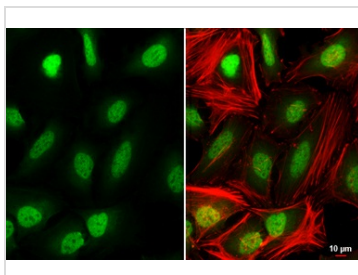
The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX129156 ChIP assay Image**

Cross-linked ChIP was performed with MCF-7 chromatin extract treated with B-estradiol (10 nM for 45 min) and 5 µg of either control rabbit IgG or anti-SIN3A antibody. The precipitated DNA was detected by PCR with primer set targeting to GAPDH or MyoD.


**GTX129156 WB Image**

HeLa whole cell and nuclear extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with SIN3A antibody (GTX129156) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX129156 ICC/IF Image**

SIN3A antibody detects SIN3A protein at nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: SIN3A stained by SIN3A antibody (GTX129156) diluted at 1:1000.

Red: phalloidin, a cytoskeleton marker, diluted at 1:200.

Scale bar= 10 µm.



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