

SIN3A antibody

Cat. No. GTX23479

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

Package

100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	0.5 µg/ml
ICC/IF	1:50-1:500
IHC-P	1:50-1:500
IP	Assay dependent
ChIP assay	1-3 µl

Not tested in other applications.

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

Properties

Form	Liquid
Buffer	PBS, 0.1% BSA
Preservative	0.05% Sodium azide
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 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to residues M(1) K R R L D D Q E S D V Y A A Q Q R R(19) of mouse mSin3A.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated



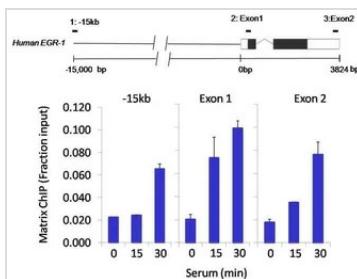
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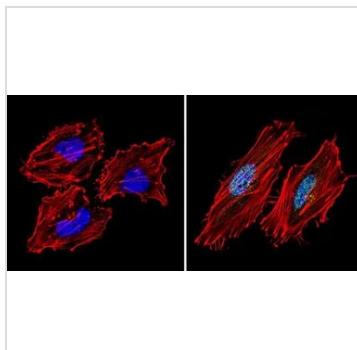
Note

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DATA IMAGES**GTx23479 ChIP assay Image**

ChIP analysis of 1×10^6 HCT116 colon carcinoma cells treated with serum for 0, 15, and 30 minutes using GTx23479 SIN3A antibody. Immunoprecipitation was performed using a multiplex microplate Matrix ChIP assay (refer to PMID: 22098709). The precipitated DNA was detected by PCR with primer set targeting to -15kb upstream of the Egr1 gene or exon-1 or exon-2 of Egr1.

IP reaction : 1.0ul antibody / 100ul sample

**GTx23479 ICC/IF Image**

ICC/IF analysis of HeLa cells using GTx23479 SIN3A antibody. Cells were probed without (left) or with (right) an antibody.

Green : Primary antibody

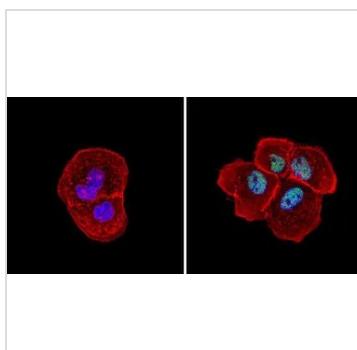
Blue : Nuclei

Red : Actin

Fixation : Formalin

Permeabilization : 0.1% Triton X-100 in TBS for 5-10 minute

Dilution : 1:200 incubated overnight at 4°C

**GTx23479 ICC/IF Image**

ICC/IF analysis of A431 cells using GTx23479 SIN3A antibody. Cells were probed without (left) or with (right) an antibody.

Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : Formalin

Permeabilization : 0.1% Triton X-100 in TBS for 5-10 minute

Dilution : 1:100 and incubated overnight at 4°C



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