

SIN3B Antibody

Catalog No: #33607

Package Size: #33607-1 50ul #33607-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

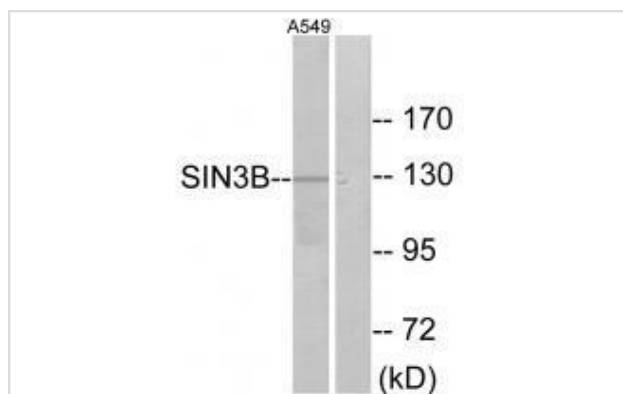
Product Name	SIN3B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SIN3B protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human SIN3B.
Target Name	SIN3B
Other Names	Paired amphipathic helix protein Sin3b; Transcriptional corepressor Sin3b; Histone deacetylase complex subunit Sin3b; SIN3B; KIAA0700
Accession No.	Swiss-Prot: O75182NCBI Gene ID: 23309
Uniprot	O75182
GeneID	23309;
SDS-PAGE MW	130kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

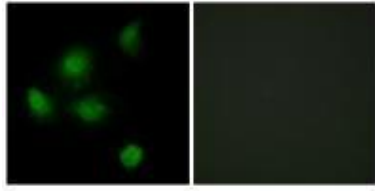
Immunofluorescence: 1:100~1:500

Images



Western blot analysis of extracts from A549 cells, using SIN3B antibody #33607.

Immunofluorescence analysis of HeLa cells, using SIN3B antibody #33607.



Background

Acts as a transcriptional repressor. Interacts with MXI1 to repress MYC responsive genes and antagonize MYC oncogenic activities. Interacts with MAD-MAX heterodimers by binding to MAD. The heterodimer then represses transcription by tethering SIN3B to DNA. Also forms a complex with FOXK1 which represses transcription By similarity.

Ishikawa K., DNA Res. 5:169-176(1998).

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Wysocka J., Genes Dev. 17:896-911(2003).

Note: This product is for in vitro research use only