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SIN3B antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13194

Specification

SIN3B antibody - middle region - Product Information

Application	**WB**
Primary Accession	O75182
Other Accession	NM_015260, NP_056075
Reactivity	**Human, Mouse, Rat, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Pig, Chicken, Horse, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**133kDa KDa**

SIN3B antibody - middle region - Additional Information

Gene ID 23309

Alias Symbol	**KIAA0700**

Other Names
Paired amphipathic helix protein Sin3b, Histone deacetylase complex subunit Sin3b, Transcriptional corepressor Sin3b, SIN3B (HGNC:19354), KIAA0700

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-SIN3B antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
SIN3B antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

SIN3B antibody - middle region - Protein Information

Name SIN3B (HGNC:19354)

Synonyms KIAA0700

Function
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. With FOXK1, regulates cell cycle progression probably by repressing cell cycle inhibitor genes expression.

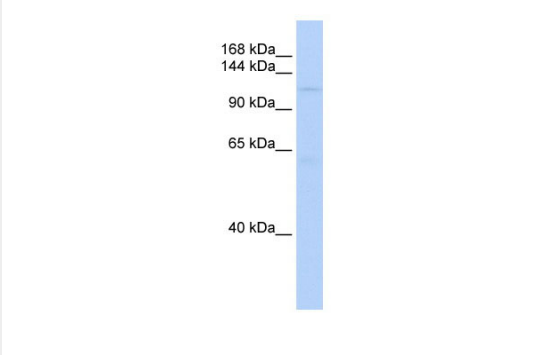
Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00810}.

SIN3B antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SIN3B antibody - middle region - Images



WB Suggested Anti-SIN3B Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: HCT15 cell lysate

SIN3B antibody - middle region - References

Ali M.,et al.Submitted (AUG-2004) to the EMBL/GenBank/DDBJ databases.
Ishikawa K.,et al.DNA Res. 5:169-176(1998).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Wysocka J.,et al.Genes Dev. 17:896-911(2003).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).