G-Biosciences Image not found or type unknown

Immunotag™ Sin3B Polyclonal Antibody

Antibody Specification

Catalog No.	ITT2898
Product Description	Immunotag™ Sin3B Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Sin3B
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human SIN3B. AA range:221-270
Specificity	Sin3B Polyclonal Antibody detects endogenous levels of Sin3B protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	SIN3B
Accession No.	O75182 Q62141
Alternate Names	SIN3B; KIAA0700; Paired amphipathic helix protein Sin3b; Histone deacetylase complex subunit Sin3b; Transcriptional corepressor Sin3b

Antibody Specification

Description	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.,similarity:Contains 3 PAH (paired amphipathic helix) repeats.,subunit:Interacts with FOXK1/MNF, MXI, MAD, NCOR1 and SAP30. Interaction with SDS3 enhances the interaction with HDAC1 to form a complex. Interacts with MAD3, MAD4, MAEL, REST and SETDB1 (By similarity). Interacts with HCFC1.,
Protein Expression	Brain,Duodenum,Lung,Skin,
Subcellular Localization	X chromosome,Y chromosome,XY body,nucleus,nucleoplasm,cytoplasm,Sin3 complex,autosome,
Protein Function	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.,similarity:Contains 3 PAH (paired amphipathic helix) repeats.,subunit:Interacts with FOXK1/MNF, MXI, MAD, NCOR1 and SAP30. Interaction with SDS3 enhances the interaction with HDAC1 to form a complex. Interacts with MAD3, MAD4, MAEL, REST and SETDB1 (By similarity). Interacts with HCFC1.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.