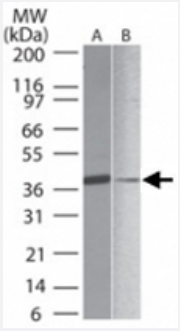
SIRT7 polyclonal antibody

Catalog # PAB0197 Size 100 ug

Applications



Western Blot

Western blot analysis of SIRT7 in (A) human liver and (B) PBMC lysate using SIRT7 polyclonal antibody (Cat # PAB0197) at 1 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SIRT7.
Immunogen	A mixture of synthetic peptides corresponding to amino acids 35-51 and 361-377 of human SIRT7.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — SIRT7

Entrez GeneID	51547
Gene Name	SIRT7
Gene Alias	MGC126840, MGC126842, SIR2L7
Gene Description	sirtuin (silent mating type information regulation 2 homolog) 7 (S. cerevisiae)
Omim ID	606212
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four cla sses. The functions of human sirtuins have not yet been determined; however, yeast sirtuin protein s are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ri bosyltransferase activity. The protein encoded by this gene is included in class IV of the sirtuin fa mily. [provided by RefSeq
Other Designations	silent mating type information regulation 2, S.cerevisiae, homolog 7|sir2-related protein type 7|sirt uin 7|sirtuin type 7

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