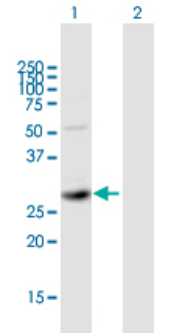
MaxPab®

SIRT5 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00023408-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of SIRT5 expression in transfected 293T cell line (H00023408-T01) by SIRT5 MaxPab polyclonal antibody.

Lane 1: SIRT5 transfected lysate(34.1 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SIRT5 protein.
Immunogen	SIRT5 (NP_036373.1, 1 a.a. ~ 310 a.a) full-length human protein.
Sequence	MRPLQIVPSRLISQLYCGLKPPASTRNQICLKMARPSSSMADFRKFFAKAKHIVIISGAGVSAESGV PTFRGAGGYWRKWQAQDLATPLAFAHNPSRVWEFYHYRREVMGSKEPNAGHRAIAECETRLGK QGRRVVVITQNIDELHRKAGTKNLLEIHGSLFKTRCTSCGVVAENYKSPICPALSGKGAPEPGTQD ASIPVEKLPRCEEAGCGGLLRPHVVWFGENLDPAILEEVDRELAHCDLCLVVGTSSVVYPAAMF APQVAARGVPVAEFNTETTPATNRFRFHFQGPCGTTLPEALACHENETVS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (85)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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  Western Blot analysis of SIRT5 expression in transfected 293T cell line (H00023408-T01) by SIRT5 MaxPab polyclonal antibody.

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  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — SIRT5

Entrez GeneID	23408
GeneBank Accession#	NM_012241.2
Protein Accession#	NP_036373.1
Gene Name	SIRT5
Gene Alias	FLJ36950, SIR2L5
Gene Description	sirtuin (silent mating type information regulation 2 homolog) 5 (S. cerevisiae)
Omim ID	604483
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 III of the sirtuin fam ily. Alternative splicing of this gene results in two transcript variants. [provided by RefSeq
Other Designations	OTTHUMP00000016054|OTTHUMP00000016055|silent mating type information regulation 2, S. cerevisiae, homolog 5|sir2-like 5|sirtuin 5|sirtuin type 5

Disease

- Genetic Predisposition to Disease

- Schizophrenia