

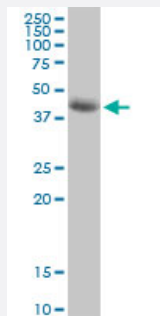
MaxPab®

SIRT7 MaxPab mouse polyclonal antibody (B01)

Catalog # H00051547-B01

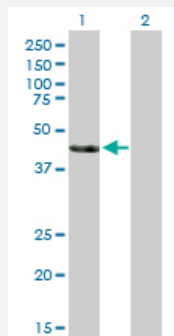
Size 50 uL

Applications



Western Blot (Cell lysate)

SIRT7 MaxPab polyclonal antibody. Western Blot analysis of SIRT7 expression in HeLa.

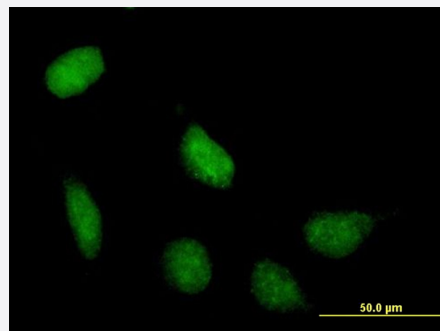


Western Blot (Transfected lysate)

Western Blot analysis of SIRT7 expression in transfected 293T cell line ([H00051547-T01](#)) by SIRT7 MaxPab polyclonal antibody.

Lane 1: SIRT7 transfected lysate(44 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to SIRT7 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human SIRT7 protein.

Immunogen	SIRT7 (NP_057622.1, 1 a.a. ~ 400 a.a) full-length human protein.
Sequence	MAAGGLSRSERKAAERVRLREEQQRERLRQVSRILRKAAAERSAEEGRLLAESADLVTELQGR SRRREGLKRRQEEVCDDPEELRGKVRELASAVRNAKYL VVYTGAGISTAASIPDYRGPNGVWTL QKGRSVSAADLSEAEP TLTHMSITRLHEQKL VQHVV SQNCDGLHLRSGLPRTAISELHGNMYIEVC TSCVPNREYVRVFDVTERTALHRHQTGRTCHKCGTQLRDTIVHFGERTLGQPLNWEAATEAAS RADTILCLGSSLKVLKKYPRLWCMTKPPSRPKLYVNLQWTPKDDWAALKLHGKCDDVMRLLM AELGLEIPAYSRWQDPIFSLATPLRAGEEGSHSRKSLCRSREEAPPGDRGAPLSSAPILGGWFGR GCTKRTRKRRKVT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Cell lysate)

SIRT7 MaxPab polyclonal antibody. Western Blot analysis of SIRT7 expression in HeLa.

[Protocol Download](#)

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- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to SIRT7 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — SIRT7

Entrez GeneID	51547
GeneBank Accession#	NM_016538.1
Protein Accession#	NP_057622.1
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	<p>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 classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins 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-ribosyltransferase activity. The protein encoded by this gene is included in class IV of the sirtuin family. [provided by RefSeq]</p>
Other Designations	silent mating type information regulation 2, S.cerevisiae, homolog 7 sir2-related protein type 7 sirtuin 7 sirtuin type 7