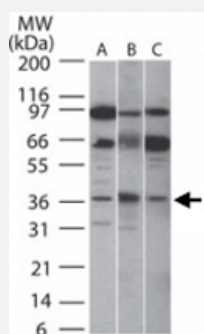


# SIRT5 polyclonal antibody

Catalog # PAB0207      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Western blot analysis of SIRT5 in A) human, B) mouse and C) rat intestine cell lysate. Using SIRT5 polyclonal antibody (Cat # PAB0207) at 2 ug/mL .

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of SIRT5.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids 30-46 of human SIRT5.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form</b>	Liquid
<b>Recommend Usage</b>	The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.05% BSA, 0.05% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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## Gene Info — SIRT5

Entrez GeneID	<a href="#">23408</a>
Gene Name	SIRT5
Gene Alias	FLJ36950, SIR2L5
Gene Description	sirtuin (silent mating type information regulation 2 homolog) 5 (S. cerevisiae)
Omim ID	<a href="#">604483</a>
Gene Ontology	<a href="#">Hyperlink</a>
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 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 III of the sirtuin family. 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](#)