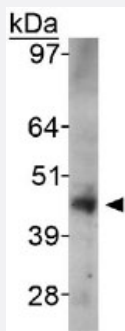


# SIRT6 polyclonal antibody

Catalog # PAB12037      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of SIRT6 in HeLa whole cell lysate with SIRT6 polyclonal antibody (Cat # PAB12037).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of SIRT6.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids 250-350 of human SIRT6.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Recommend Usage</b>	Western Blot (0.5-2 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In Tris-citrate/phosphate buffer, pH 7.0-8.0 (0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. Do not freeze.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of SIRT6 in HeLa whole cell lysate with SIRT6 polyclonal antibody (Cat # PAB12037).

## Gene Info — SIRT6

Entrez GeneID	<a href="#">51548</a>
Protein Accession#	<a href="#">Q8N6T7</a>
Gene Name	SIRT6
Gene Alias	SIR2L6
Gene Description	sirtuin (silent mating type information regulation 2 homolog) 6 (S. cerevisiae)
Omim ID	<a href="#">606211</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 IV of the sirtuin family. [provided by RefSeq]
Other Designations	sir2-related protein type 6 sirtuin 6 sirtuin type 6

## Publication Reference

- [Evolutionarily conserved and nonconserved cellular localizations and functions of human SIRT proteins.](#)

Michishita E, Park JY, Burneskis JM, Barrett JC, Horikawa I.

Molecular Biology of the Cell 2005 Oct; 16(10):4623.

Application: IF, WB, Human, HeLa, NHF, WI-38 cells