



# SIRT1 (GlcNAc D548) rabbit pAb

Cat No.:ES20204

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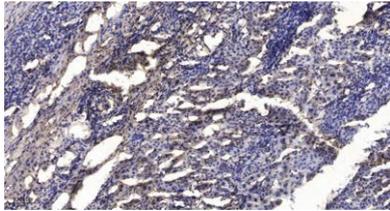
## Overview

<b>Product Name</b>	SIRT1 (GlcNAc D548) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA;IHC
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
<b>Immunogen</b>	Synthesized peptide derived from human SIRT1 (GlcNAc D548)
<b>Specificity</b>	This antibody detects endogenous levels of Human,Mouse SIRT1 (GlcNAc D548)
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	SIRT1 (GlcNAc D548)
<b>Gene Name</b>	SIRT1 SIR2L1
<b>Cellular localization</b>	Nucleus, PML body . Cytoplasm . Nucleus . Recruited to the nuclear bodies via its interaction with PML (PubMed:12006491). Colocalized with APEX1 in the nucleus (PubMed:19934257). May be found in nucleolus, nuclear euchromatin, heterochromatin and inner me
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	78kD
<b>Human Gene ID</b>	23411
<b>Human Swiss-Prot Number</b>	Q96EB6
<b>Alternative Names</b>	NAD-dependent protein deacetylase sirtuin-1 (hSIRT1;EC 3.5.1.-;Regulatory protein SIR2 homolog 1;SIR2-like protein 1;hSIR2) [Cleaved into: SirtT1 75 kDa fragment (75SirT1)]
<b>Background</b>	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 I of the sirtuin family. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2008],



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

