



Anti-SIRT1 (aa 33-55) polyclonal antibody (DPAB-DC1559)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	SIRT1 (sirtuin 1) is a protein-coding gene. Diseases associated with SIRT1 include hyperphosphatemia, and nijmegen breakage syndrome, and among its related super-pathways are p53 Signaling and Cocaine addiction. GO annotations related to this gene include protein C-terminus binding and identical protein binding.
Immunogen	A synthetic peptide corresponding to amino acids 33-55 of rat Sirt1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	100 µg
Buffer	In buffer containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Sirt1 sirtuin 1 [Rattus norvegicus (Norway rat)]
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Official Symbol	SIRT1
Synonyms	SIRT1; sirtuin 1; Sir2; NAD-dependent deacetylase sirtuin-1; Sir2alpha; sirtuin 1 ((silent mating type information regulation 2, homolog) 1;
Entrez Gene ID	309757
Chromosome Location	20p11
Pathway	AMPK signaling pathway; Amphetamine addiction; FoxO signaling pathway; MicroRNAs in cancer
Function	HLH domain binding; NAD ⁺ binding; NAD-dependent histone deacetylase activity; NAD-dependent histone deacetylase activity (H3-K9 specific)