

Goat anti-SIRT1 Antibody

Item Number	dAP-0929
Target Molecule	Principle Name: SIRT1; Official Symbol: SIRT1; All Names and Symbols: SIRT1 ; sirtuin (silent mating type information regulation 2 homolog) 1 (S. cerevisiae) ; RP11-57G10.3; SIR2L1 ; OTTHUMP00000060745; SIR2alpha; sir2-like 1; sirtuin (silent mating type information regulation 2, S. cerevisiae, homolog) 1; sirtuin 1; sirtui; Accession Number (s): NP_036370.2; Human Gene ID(s): 23411; Non-Human GeneID(s): 93759 (mouse) 309757 (rat)
Immunogen	EITEKPPRTQKE, is from internal region
Applications	Pep ELISA, WB Species Tested: Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 120kDa band observed in Mouse fetal Brain lysates (calculated MW of 80.3kDa according to Muose NP_062786.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Cheng et al, Proc Nat
IHC	
Reference	Reference(s): Chen D, Steele AD, Lindquist S, Guarente L. Increase in activity during calorie restriction requires Sirt1. Science. 2005 Dec 9;310(5754):1641. .PMID: 16339438 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**