

GOAT ANTI-SIRTUIN 1 / SIRT1 (AA577-590) ANTIBODY

SKU: EB10826



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	sirtuin type 1 sir2-like 1 hSIR2 SIR2alpha SIR2-like protein 1 OTTHUMP00000198112 OTTHUMP00000198111 NAD-dependent deacetylase sirtuin-1 SIR2L1 sirtuin 1 SIRT1
Accession ID	NP_036370.2; NP_001135970.1
Blocking Peptide	EBP10826
Immunogen	Peptide with sequence C-EKPQEVQTSRNVES, from the internal region of the protein sequence according to NP_036370.2; NP_001135970.1.
Product Comments	This antibody is expected to recognize both reported isoforms (NP_036370.2; NP_001135970.1).
Peptide Sequence	C-EKPQEVQTSRNVES
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse
Reactive Species	Human
Human Gene ID	23411
Mouse Gene ID	93759
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	In paraffin embedded Human Skin shows perinuclear staining in select keratinocytes. Recommended concentration, 3-5µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:64000.
Western Blot	Approx 120kDa band observed in lysates of cell line Jurkat (calculated MW of 81.7kDa according to NP_036370.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Cheng et al, Proc Natl Acad Sci U S A. 2003 Sep 16;100(19):10794-9.; PMID: 12960381). Recommended concentration: 0.05-0.2µg/ml.
Application Type	Pep-ELISA, WB, IHC

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

