

# GOAT ANTI-SIRT1 ANTIBODY

**SKU:** EB07400

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa



## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	sirtuin type 1 sirtuin 1 sirtuin (silent mating type information regulation 2, S. cerevisiae, homolog) 1 sir2-like 1 SIR2alpha OTTHUMP00000060745 SIR2L1 RP11-57G10.3 sirtuin (silent mating type information regulation 2 homolog) 1 (S. cerevisiae) SIRT1
<b>Accession ID</b>	NP_036370.2
<b>Blocking Peptide</b>	EBP07400
<b>Immunogen</b>	Peptide with sequence C-EITEKPPRTQKE, from the internal region of the protein sequence according to NP_036370.2.
<b>Peptide Sequence</b>	C-EITEKPPRTQKE
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat, Dog
<b>Reactive Species</b>	Mouse
<b>Human Gene ID</b>	23411
<b>Mouse Gene ID</b>	93759
<b>Rat Gene ID</b>	309757
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:64000.
<b>Western Blot</b>	Approx 110kDa band observed in lysates of cell line NIH3T3 (calculated MW of 80.3kDa according to Mouse NP_062786.1). Preliminary testing also showed a band at approx 120kDa in Fetal Mouse Brain lysate. This molecular weight is routinely observed by other sources. Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.
<b>Application Type</b>	Pep-ELISA, WB

## SELECTED REFERENCES

[{"pmid": 22087287, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Dog:**", "title": "Involvement of FOXO transcription factors, TRAIL-FasL/Fas, and sirtuin proteins family in canine coronavirus type II-induced apoptosis.", "author": "Marfè G, Tafani M, Fiorito F, Pagnini U, Iovane G, De Martino L.", "journal": "PLoS One. 2011;6(11)."}]

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

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