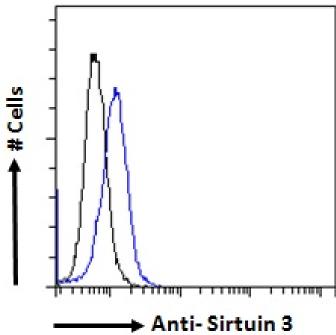


Email: customerservice@vectorlabs.com

Telephone: (650) 697-3600

## **GOAT ANTI-SIRTUIN 3 (MOUSE) ANTIBODY**





## **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** 

Aliquot and store at -20°C. Minimize freezing and thawing.

Alias

Synonym / SIR2-like protein 3| OTTMUSP00000027445| OTTMUSP00000027444| OTTMUSP00000027441| NAD-dependent deacetylase sirtuin-3| Sir2l3| Al848213| 2310003L23Rik| homolog) 3| sirtuin 3 (silent mating type information

Names regulation 2| sirtuin 3|Sirt3

Usage Summary

<strong>Immunofluorescence:</strong> Strong expression of the protein seen in the cytoplasm of NIH3T3 cells. Recommended concentration: 10µg/ml. <strong>Flow Cytometry:</strong> Flow cytometric analysis of

NIH3T3 cells. Recommended concentration: 10ug/ml.

Accession

ID

NP\_071878.2; NP\_001171275.1

**Blocking Peptide** 

EBP10970

Peptide with sequence C-RASGIPASKLVEAH, from the internal region of the protein sequence according to Immunogen NP\_071878.2; NP\_001171275.1.





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This antibody is expected to recognize both reported isoforms (NP\_071878.2; NP\_001171275.1). Reported variants **Product** 

represent identical proteins: NP\_071878.2; NP\_001120823.1 Comments

**Peptide** 

Sequence

C-RASGIPASKLVEAH

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method the immunizing peptide.

Shipping

Refrigerated Instructions

**Predicted Species** 

Human, Mouse, Rat, Pig

Reactive

Mouse Species

Human

23410 Gene ID

Mouse

64384 Gene ID

**Rat Gene ID** 293615

**Product** 

Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\_plus\_medium.png

**ELISA** 

**Detection** Antibody detection limit dilution 1:64000.

Limit

Western

Approx 30kDa band observed in Mouse Heart lysates (calculated MW of 28.8kDa according to NP\_071878.2). An additional band of unknown identity was also consistently observed at 15kDa. This band was successfully blocked by incubation with the immunizing peptide. Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at

room temperature. Preliminary testing was unsuccessful on Rat Kidney for this particular batch.

Application

Type

Blot

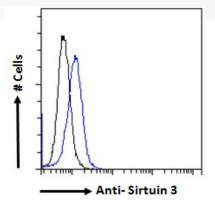
Pep-ELISA, WB, IF, FC

## GALLERY IMAGES

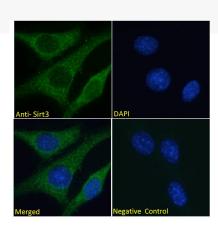


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50kDa

37kDa

25kDa

20kDa

15kDa

10kDa