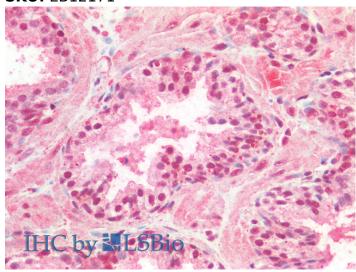
Telephone: (650) 697-3600





## **GOAT ANTI-CREB1 (AA96-109) ANTIBODY**

**SKU:** EB12171



## **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

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

Alias

Usage

Synonym / transactivator protein|cyclic AMP-responsive element-binding protein 1|cAMP-responsive element-binding protein 1|cAMP-response element-binding protein-1|active transcription factor CREB|CREB-1|CREB|cAMP responsive element binding protein 1|CREB1

**Names** 

<strong>Additional validation:</strong> This antibody has been successfully used in the following paper:

Sikorski et al. (2018) PMID: 30377371. Summary

Accession

NP\_004370.1; NP\_604391.1 ID

**Blocking Peptide** 

EBP12171

**Immunogen** 

Peptide with sequence C-DSQESVDSVTDSQK, from the internal region of the protein sequence according to NP\_004370.1; NP\_604391.1.

**Product Comments** 

This antibody is expected to recognize both reported isoforms (NP 004370.1; NP 604391.1).

**Peptide** Sequence

C-DSQESVDSVTDSQK







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

Method using the immunizing peptide.

**Shipping** Refrigerated

e erest

Instructions

**Predicted Species** 

Human, Mouse, Dog, Pig, Cow

Reactive Species

Human, Mouse

Human

1385 Gene ID

Mouse

12912 Gene ID

**Product** 

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

IHC Results Paraffin embedded Human Prostate. Recommended concentration: 2.5µg/ml.

FLISA

Detection Antibody detection limit dilution 1:128000.

Limit

**Blot** 

Approx 45kDa band observed in nuclear lysates of cell lines Jurkat and NIH3T3 (calculated MW of 36.7kDa Western

according to NP\_604391.1). This molecular weight is routinely observed by other sources. Recommended

concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

**Application** 

Pep-ELISA, WB, IHC **Type** 

## SELECTED REFERENCES

[{"pmid": 30377371, "intro": "This antibody has been successfully used in the following paper:", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen", "journal": "Nat Methods. 2018 Nov;15(11):909-912"}]

## GALLERY IMAGES



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