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# GOAT ANTI-CREB1 (AA96-109) ANTIBODY

**SKU:** EB12171



IHC by LSBio
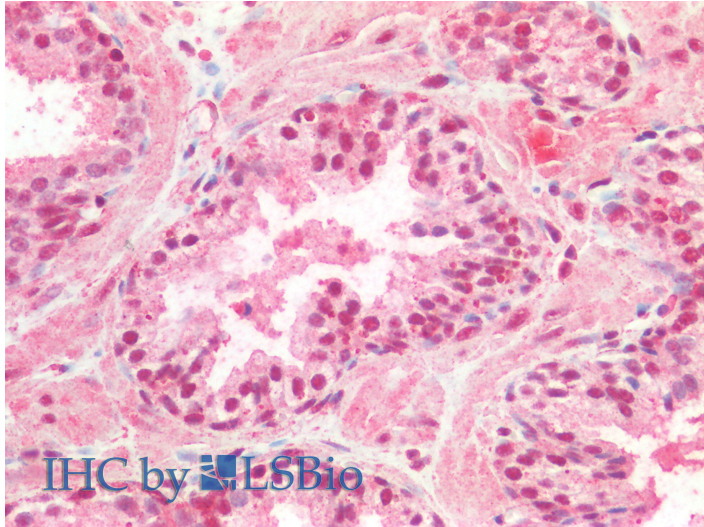
# SPECIFICATIONS

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|---|---|
| **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** | 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 |
| **Usage Summary** | <strong>Additional validation:</strong> This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371. |
| **Accession ID** | NP_004370.1; NP_604391.1 |
| **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 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, Dog, Pig, Cow |
| **Reactive Species** | Human, Mouse |
| **Human Gene ID** | 1385 |
| **Mouse Gene ID** | 12912 |
| **Product Grade** | https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png |
| **IHC Results** | Paraffin embedded Human Prostate. Recommended concentration: 2.5µg/ml. |
| **ELISA Detection Limit** | Antibody detection limit dilution 1:128000. |
| **Western Blot** | Approx 45kDa band observed in nuclear lysates of cell lines Jurkat and NIH3T3 (calculated MW of 36.7kDa 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 Type** | Pep-ELISA, WB, IHC |

# 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"}]

# DOCUMENTS

- [Data Sheet](Data Sheet)

# GALLERY IMAGES

Goat Anti-CREB1 (aa96-109) Antibody

https://everestbiotech.com/products/goat-anti-creb1-aa96-109-antibody/