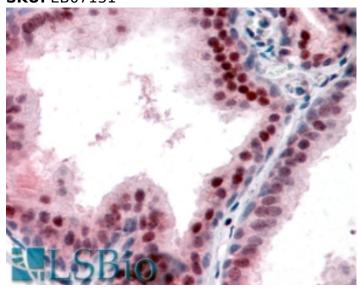




Telephone: (650) 697-3600

GOAT ANTI-P27KIP1 / CDKN1B (INTERNAL) ANTIBODY

SKU: EB07131



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.

Synonym /

Alias

cyclin-dependent kinase inhibitor 1B|P27KIP1|CDKN4|cyclin-dependent kinase inhibitor 1B (p27,

Kip1)|KIP1|CDKN1B

Names Usage

Additional validation: This antibody has been successfully used in the following paper:

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

Accession

NP_004055.1

Blocking

ID

EBP07131 **Peptide**

Immunogen

Peptide with sequence C-KRPATDDSSTQNK, from the internal region of the protein sequence according to

NP_004055.1.

Peptide Sequence

C-KRPATDDSSTQNK

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

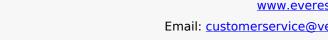
Method using the immunizing peptide.



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Shipping Instructions

Refrigerated

Predicted

Human, Mouse, Rat, Cat, Dog, Pig, Cow

Species Reactive

Human **Species**

e erest

Human

1027

Gene ID **Product**

 $https://prod-vector-labs-pimcore-assets.s 3. us-east-1. a mazon aws.com/assets/products/image/elite_medium.png$ Grade

IHC Results Paraffin embedded Human Prostate and Spleen. Recommended concentration: 5µg/ml.

ELISA

Detection

Western

Antibody detection limit dilution 1:32000.

Limit

Approx 26kDa band observed in lysates of Human Prostate and of Hepatoblastoma cell line HepG2 (calculated MW of 22.1kDa according to NP 004055.1). The observed molecular weight corresponds to earlier findings in

literature with different antibodies (Xia et al, Proc Natl Acad Sci U S A. 2005 Sep 27;102(39):14028-33; PMID:

16169901). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

Application

Pep-ELISA, WB, IHC

Type

Blot

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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