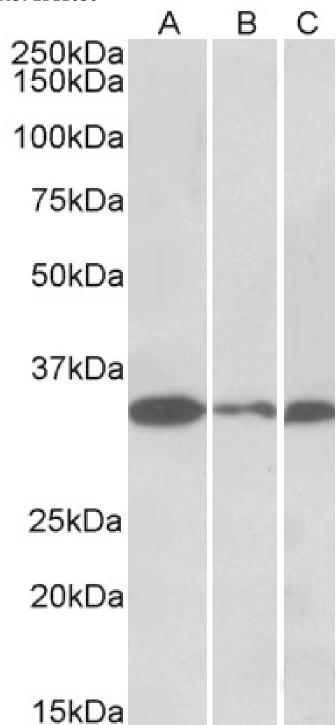
Telephone: (650) 697-3600



Email: customerservice@vectorlabs.com

GOAT ANTI-PCNA ANTIBODY

SKU: EB11650







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.

Synonym /

Alias

ATLD2|proliferating cell nuclear antigen|PCNA|OTTHUMP00000030190|MGC8367|DNA polymerase delta

auxiliary protein|cyclin Names

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

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

Accession

NP_002583.1

Blocking

ID

EBP11650 **Peptide**

Peptide with sequence C-NGNIKLSQTSNVD, from the internal region of the protein sequence according to **Immunogen**

NP 002583.1.

Product

Reported variants represent identical protein: NP_872590.1, NP_002583.1 **Comments**

Peptide

C-NGNIKLSQTSNVD Sequence

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

Method using the immunizing peptide.

Shipping

Refrigerated Instructions

Predicted

Human, Mouse, Rat, Dog, Pig, Cow **Species**

Reactive

Species

Human, Mouse, Rat, Pig

Human

5111 Gene ID

Mouse

18538 Gene ID

Rat Gene ID 25737

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 Testis. Recommended concentration: 5-6µg/ml.

ELISA

Detection

Antibody detection limit dilution 1:128000.

Limit





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Approx 30kDa band observed in lysates of cell line HeLa (calculated MW of 28.8kDa according to Human NP_002583.1). Approx.33kDa band observed in lysates of cell line NIH3T3 and in Mouse and Rat Testis and Pig

Spleen lysates (calculated MW of 28.8kDa according to Mouse NP_035175.1, Rat NP_071776.1 and Pig NP_001278854.1). Primary incubation was 1 hour. The observed molecular weight corresponds to earlier

findings in literature with different antibodies (Gilljam et al, , J Cell Biol. 2009 Sep 7;186(5):645-54.).

Recommended concentration: 0.01-0.03µg/ml.

Application Type

Western

Blot

Pep-ELISA, WB, IHC

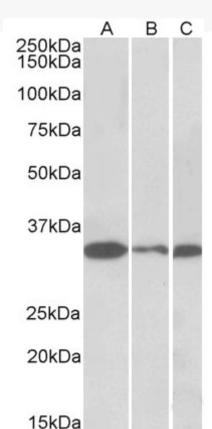
SELECTED REFERENCES

[{"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"}]

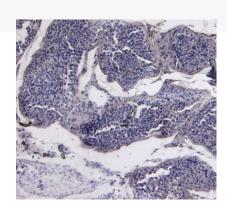
GALLERY IMAGES



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50kDa

37kDa

25kDa

20kDa

15kDa

