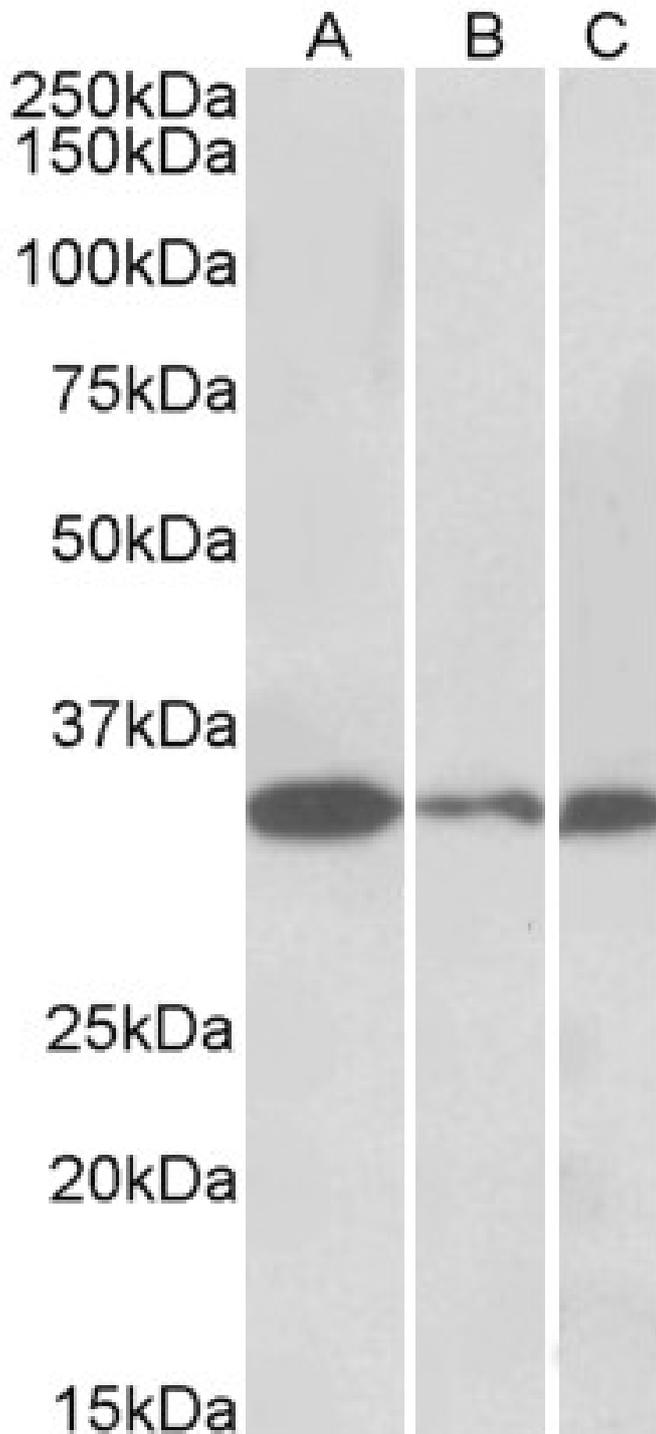


## GOAT ANTI-PCNA ANTIBODY

SKU: EB11650



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## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	ATLD2 proliferating cell nuclear antigen PCNA OTTHUMP00000030190 MGC8367 DNA polymerase delta auxiliary protein cyclin
<b>Usage Summary</b>	<strong>Additional validation:</strong> This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.
<b>Accession ID</b>	NP_002583.1
<b>Blocking Peptide</b>	EBP11650
<b>Immunogen</b>	Peptide with sequence C-NGNIKLSQTSNVD, from the internal region of the protein sequence according to NP_002583.1.
<b>Product Comments</b>	Reported variants represent identical protein: NP_872590.1, NP_002583.1
<b>Peptide Sequence</b>	C-NGNIKLSQTSNVD
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat, Dog, Pig, Cow
<b>Reactive Species</b>	Human, Mouse, Rat, Pig
<b>Human Gene ID</b>	5111
<b>Mouse Gene ID</b>	18538
<b>Rat Gene ID</b>	25737
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>IHC Results</b>	Paraffin embedded Human Testis. Recommended concentration: 5-6µg/ml.
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:128000.

**Western  
Blot**

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**

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](#)

## GALLERY IMAGES

