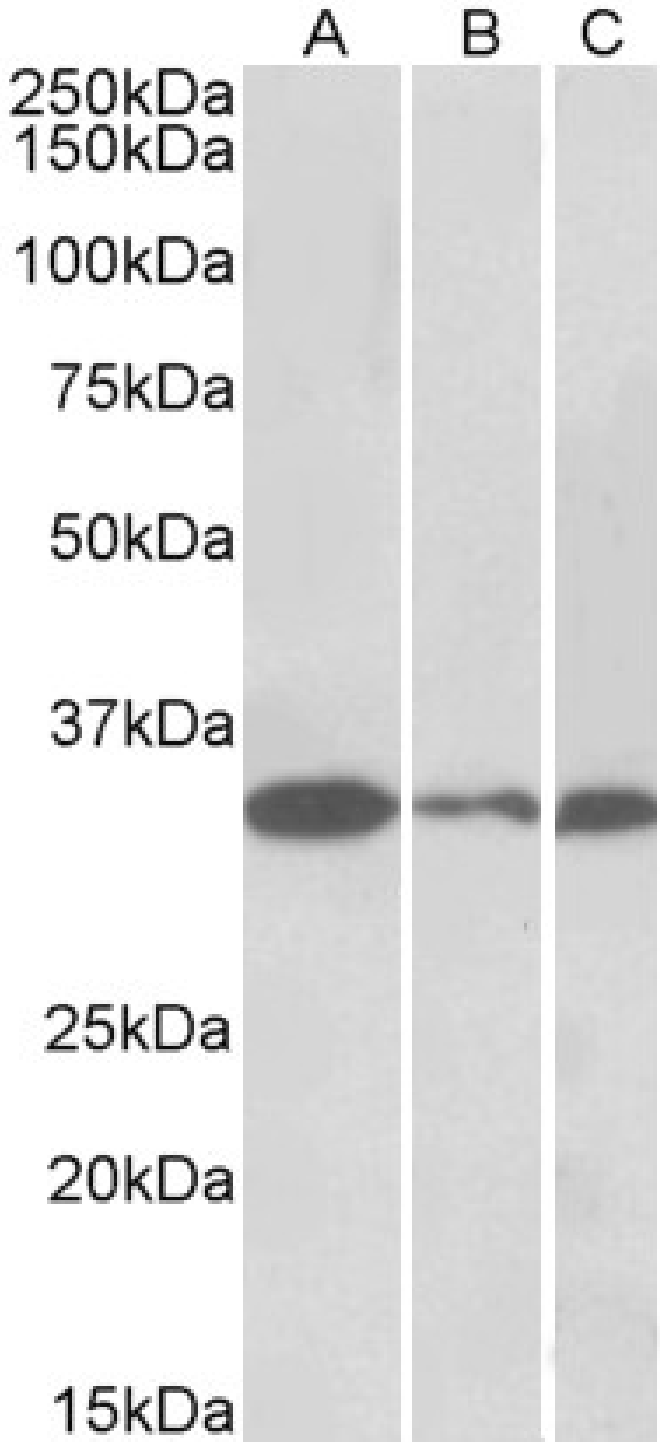
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GOAT ANTI-PCNA ANTIBODY

SKU: EB11650



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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 Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	ATLD2|proliferating cell nuclear antigen|PCNA|OTTHUMP00000030190|MGC8367|DNA polymerase delta auxiliary protein|cyclin
Usage Summary	Additional validation: This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.
Accession ID	NP_002583.1
Blocking Peptide	EBP11650
Immunogen	Peptide with sequence C-NGNIKLSQTSNVD, from the internal region of the protein sequence according to NP_002583.1.
Product Comments	Reported variants represent identical protein: NP_872590.1, NP_002583.1
Peptide Sequence	C-NGNIKLSQTSNVD
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, Rat, Dog, Pig, Cow
Reactive Species	Human, Mouse, Rat, Pig
Human Gene ID	5111
Mouse Gene ID	18538
Rat Gene ID	25737
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 Testis. Recommended concentration: 5-6µg/ml.
ELISA Detection Limit	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

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