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GOAT ANTI-PCNA (AA111-122) ANTIBODY

SKU: EB11651



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250kDa 150kDa 100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa



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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

Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym /

Alias

proliferating cell nuclear antigen|PCNA|OTTHUMP00000030190|OTTHUMP00000030189|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

EBP11651

Blocking

ID

Peptide

Peptide with sequence C-EAPNQEKVSDYE, 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-EAPNQEKVSDYE Sequence

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

Method using the immunizing peptide.

Shipping

Refrigerated Instructions

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

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png Grade

IHC Results Paraffin embedded Human Tonsil. Recommended concentration: 2.5µg/ml.

ELISA

Detection

Antibody detection limit dilution 1:128000.

Limit





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Western Blot Approx 30kDa band observed in lysates of cell line Jurkat (calculated MW of 28.8kDa according to Human NP_002583.1). Approx.35kDa band was observed in lysates of cell line NIH3T3 and in Mouse and Rat Testis, and approx 33kDa in Pig Spleen lysates. (calculated MW of 28.8kDa according to Mouse NP_035175.1, Rat NP_071776.1 and Pig NP_001278854.1). 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: 0.03-0.1µg/ml.

Application Type

Pep-ELISA, WB, IHC

SELECTED REFERENCES

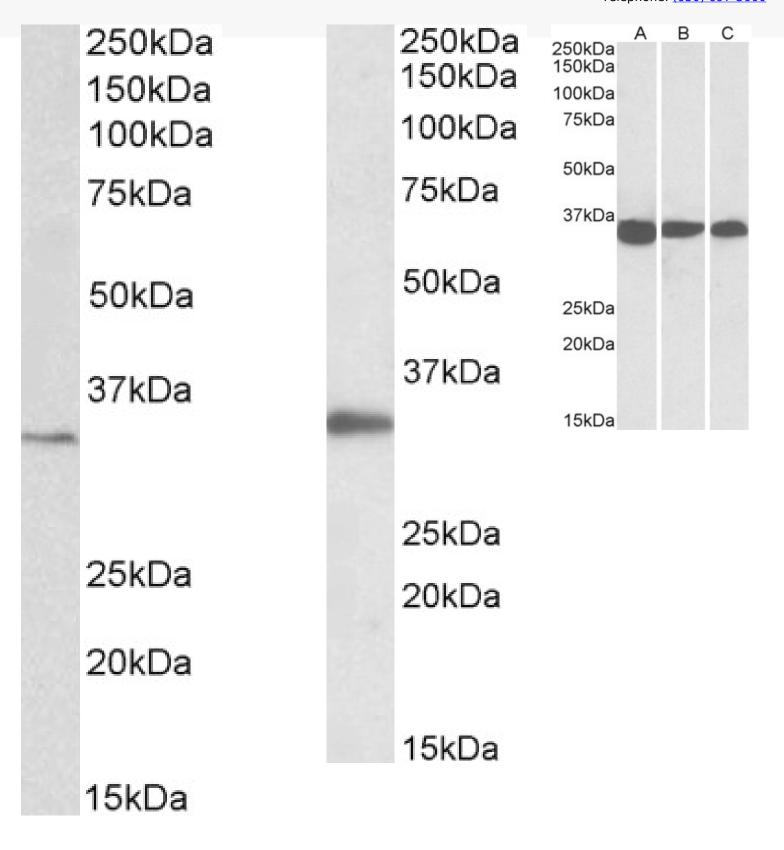
[{"pmid": 30377371, "intro": "This antibody has been successfully used in the following paper:", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, 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"}]

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