



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Chicken anti human osteopontin-c (the shortest splice variant of osteopontin)

[exalpa.com/products/chicken-anti-human-osteopontin-c-the-shortest-splice-variant-of-osteopontin/AhOPNc](https://www.exalpa.com/products/chicken-anti-human-osteopontin-c-the-shortest-splice-variant-of-osteopontin/AhOPNc)

Catalog number: **AhOPNc**

Product Type	Primary antibodies
Units	0.1 mg
Host	Chicken
Species Reactivity	Human
Application	ELISA Western Blotting

### Source

A chicken was immunized with a peptide representing the splice junction of osteopontin-c (Ac-SEEKQNAVSC-COOH). After multiple immunizations, eggs were collected and IgY was purified from the egg yolk. The antibody was affinity purified on an osteopontin-c peptide column.

### Product

*Product Form:* Affinity purified

*Formulation:* Phosphate buffered saline, pH 7.2 with 0.075% sodium azide

*Purification Method:* Egg-yolk derived IgY Affinity Purified

*Concentration:* See vial for concentration.

### Applications

This antibody has been tested in ELISA and a suggested starting dilution for ELISA analysis is 2 ug/ml. For Western blotting, recommended concentration 1 ug/ml (See image). Optimal working dilutions should be determined for your particular assay conditions.

### Storage

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles.

*Shipping Conditions:* Ship at ambient temperature

## Caution

This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals. It may contain hazardous ingredients. Please refer to the Safety Data Sheets (SDS) for additional information and proper handling procedures. Dispose product remainders according to local regulations. This datasheet is as accurate as reasonably achievable, but Exalpa Biologicals accepts no liability for any inaccuracies or omissions in this information.

## References

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5. Tilli, TM, Mello, KD, Ferreira, LB, Matos, AR, Accioly, MTS, Faria, PAS., Bellahcène, A, Castronovo, V and ER Gimba. 2012. Both osteopontin-c and osteopontin-b splicing isoforms exert pro-tumorigenic roles in prostate cancer cells. *Prostate* 72:1688-1699.
6. Zhang, MX, Xu YJ, Zhu MC and F. Yan. 2013. Overexpressed Osteopontin-c as a Potential Biomarker for Esophageal Squamous Cell Carcinoma. *Asian Pac J Cancer Prev* 14: 7315-9
7. T. Martins Tilli, L. Bueon Ferreira and E.R. Pereira Gimba. 2015. Osteopontin-c mediates the upregulation of androgen responsive genes in LNCaP cells through P13K/Akt and androgen receptor signaling. *Oncol. Lett.* 9: 1845-50.
8. Zduniak K., Ziolkowski, P. Ahlin C., Agrawal, A., Blomqvist, C., Fjallskog, M.L., and G.F. Weber. 2015. Nuclear Osteopontin-c is a prognostic breast cancer marker. *Br. J. Cancer* 112:729-38.
9. Zduniak, K, Agrawal, A, Agriwal, S, Hossain, MM, Ziolkowski, P and GF Weber, 2016. Osteopontin splice variants are differential predictors of breast cancer treatment responses. *BMC Cancer* 16:441.

## Safety Datasheet(s) for this product:

EA\_Sodium Azide