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Subcellular expression of Maspin – from normal tissue to tumor cells. A systematic

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Author: Zhila Khalkhali-Ellis

Publish Year: 2006

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Maspin expression and **subcellular** localization in invasive ductal carcinoma of the **breast**: Prognostic significance and relation to microvessel density ... The exact mechanism of the aberrant **maspin** expression in **cancer** cells is unclear. It could be assumed that loss of its **normal** function may follow mutations in **maspin** gene.

Author: Duaa S. Helal, Dina M. El-Guindy

Publish Year: 2017

Maspin: The New Frontier | Clinical Cancer Research

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Published in: [Clinical Cancer Research](#) · 2006

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Maspin

Protein



Maspin (mammary serine protease inhibitor) is a protein that in humans is encoded by the SERPINB5 gene. This protein belongs to the serpin (serine protease inhibitor) superfamily. SERPINB5 was originally reported to function as a tumor suppressor gene in epithelial cells, suppressing the ability of cancer cells to invade and metastasize to other tissues.



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Subcellular expression of maspin – from normal tissue to tumor cells

Laura Bantias, Ioan Jung, Simona Gurzu

Abstract

Background and objectives: Maspin or SerpinB5, a member of the serine protease inhibitor family, was shown to function as a tumor suppressor, especially in

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Subcellular expression of maspin – from normal tissue to tumor cells



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The conflicting observations regarding **maspin** role and significance can be explained by distinct **subcellular** localization of **maspin** in **cancer cells**. An unclear topic about **maspin expression** in breast **cancer** is the relevance of **subcellular** localization of **maspin**, as it may indicate different functions .

Author: Duaa S. Helal, Dina M. El-Guindy **Publish Year:** 2017

Expression and Subcellular Localization of Maspin in Human ...

https://www.researchgate.net/publication/6984183_Expression_and...

In addition, the detection of **maspin** in pancreatic **tumor tissues** and its lack of **expression** in all **normal** pancreatic **tissues** suggests that **maspin** may be a useful marker of primary human pancreatic ...

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Maspin expression and melanoma progression: a matter of ...

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