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

### Maspin: The New Frontier | Clinical Cancer Research

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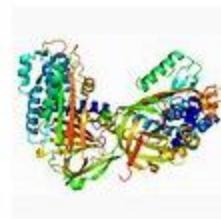
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Authors: Zhila Khalkhaliellis

About: Histone Acetyltransferases · Regulation of gene expression · DNA methylation · Mole...

## 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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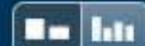
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**Subcellular expression of maspin – from normal tissue to tumor cells**

Laura Baniyas, 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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## Maspin expression and subcellular localization in invasive ...

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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 ...

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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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