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**Manuscript Type:** ORIGINAL ARTICLE

*Basic Study*

**Potential involvement of heat shock proteins in pancreatic-duodenal homeobox-1-mediated effects on the genesis of gastric cancer: A 2D gel-based proteomic study**

Juan Ma, Bei-Bei Wang, Xiao-Yan Ma, Wei-Ping Deng, Li-Shu Xu, Wei-Hong Sha

**Abstract**

Match Overview

1 **Crossref** 13 words  
Y. Dai. "Pancreatic duodenal homeobox-1 (PDX1) function as a tumor suppressor in gastric cancer", *Carcinogenesis*, 0 <1%



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than 5mm, these tumors have high malignant **potential**, so curative surgical resection .... **Based** on a

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2008年5月13日 - **Pancreatic duodenal homeobox-1 (PDX1)** functions as a tumor ... This **study** aims to clarify the putative role of PDX1 in gastric carcinogenesis. ... and cancer as well as **gastric cancer** cell lines by immunohistochemistry, western blot, ... The **effects** of PDX1 on cell proliferation, apoptosis, clone formation and ...

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2018年8月12日 - The encoded nuclear **protein** is **involved** in the early development of the pancreas and ... **pancreas/duodenum homeobox protein 1, IPF-1, IUF-1, ...** Also, **Inhbb** is identified as **one** factor **mediating** the proliferative **effect** of **Pdx-1**. ... similar functions for PDX1 and CDX2 in the evolution of **gastric carcinoma**.

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