

Title (en)  
MODULATION OF SIGNAL TRANSDUCTION

Title (de)  
MODULATION DER SIGNALTRANSDUKTION

Title (fr)  
MODULATION DE TRANSDUCTION DE SIGNAL

Publication  
**EP 1232247 A4 20030618 (EN)**

Application  
**EP 00991029 A 20001122**

Priority  
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• US 16743899 P 19991123

Abstract (en)  
[origin: WO0138344A2] A polypeptide is identified as being functionally included in a signal transduction pathway having a biological effect. Contemplated polypeptides are different from a retinoic acid receptor, a retinoid X receptor, or a cellular retinoic acid binding protein, however, binding of the retinoid or retinoid metabolite lead to a modulation of the biological effect. In particularly contemplated methods, a retinoid or retinoid metabolite is administered to a cell or mammal in a concentration effective to modulate the biological effect.

IPC 1-7  
**C12N 5/06; A61K 31/07; A61K 31/203**

IPC 8 full level  
**A61K 31/203** (2006.01); **A61K 31/255** (2006.01); **A61K 31/265** (2006.01); **A61K 49/00** (2006.01); **A61P 3/10** (2006.01); **A61P 5/48** (2006.01); **A61P 9/06** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C07K 14/47** (2006.01); **C12N 5/00** (2006.01); **C12N 5/02** (2006.01); **G01N 33/50** (2006.01)

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Citation (search report)  
• [A] SUCOV H M ET AL: "RETINOIC ACID AND RETINOIC ACID RECEPTORS IN DEVELOPMENT", MOLECULAR NEUROBIOLOGY, HUMANA PRESS, US, vol. 10, no. 2/3, 1995, pages 169 - 184, XP002949771, ISSN: 0893-7648  
• See references of WO 0138344A2

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