中国寄生虫学与寄生虫病杂志
CHINESE JOURNAL OF PARASITOLOGY AND PARASITIC DISEASES
ISSN 1000-7423
CN 31-1248/R
主管：中华人民共和国卫生部
主办：中华预防医学会
中国疾病预防控制中心寄生虫预防控制所

中国寄生虫学与寄生虫病杂志 » 2013, Vol. 31 » Issue (1) :60-63 DOI:

棘球蚴MAPK信号转导通路的研究进展

王成华1，吕海龙2，姜玉峰1 *，彭心宇2，张晶1

1 石河子大学医学院组织胚胎学教研室，石河子832008；2 石河子大学医学院第一附属医院肝胆外科，石河子832008

Advances in Research on the MAPK Signal Transduction Pathway of Echinococcus

WANG Cheng-hua1，LV Hai-long2，JIANG Yu-feng 1 *，PENG Xin-yu2，ZHANG Jing1

1 Department of Histology and Embryology, Medical College of Shihezi University, Shihezi 832008, China; 2 Department of General Surgery, The First Affiliated Hospital, Medical College of Shihezi University, Shihezi 832008, China

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摘要 丝裂原活化蛋白激酶（mitogen activated protein kinase，MAPK）是介导细胞反应的重要信号分子，受到刺激后磷酸化进入核内，激活靶基因。MAPK信号转导通路与多种疾病的发生和发展密切相关。近年来研究发现，该信号通路参与棘球蚴的生长和发育调控。本文就有关棘球蚴MAPK信号转导通路的研究进展作一综述。

关键词： 丝裂原活化蛋白激酶 信号转导通路 棘球蚴

Abstract： Mitogen-activated protein kinase（MAPK） is an important signaling transduction molecules, which can enter the nucleus and activate target gene when it was stimulated and become phosphorylation. MAPK signaling pathway is closely associated with various diseases. Recent studies have indicated that MAPK signaling transduction pathway is also involved in the growth and development of Echinococcus. This review summarizes the progress on the relationship between MAPK signal pathway and Echinococcus.

Keywords： Mitogen activated protein kinase Signal transduction pathway Echinococcus