
Subject: protein k 17

Posted by [tulu](#) on Sun, 29 Oct 2006 14:59:30 GMT

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hier noch der passende artikel zu dem protein:

http://focus.msn.de/gesundheit/haarausfall/news/haarausfall_nid_29784.html

allerdings wird die seite von msd gesponsort, daher bezweifle ich hier sehr die objetivität.

grüsse

Subject: Re: protein k 17

Posted by [Unkreativer](#) on Sun, 29 Oct 2006 15:05:43 GMT

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tulu schrieb am Son, 29 Oktober 2006 15:59 hier noch der passende artikel zu dem protein:

http://focus.msn.de/gesundheit/haarausfall/news/haarausfall_nid_29784.html

allerdings wird die seite von msd gesponsort, daher bezweifle ich hier sehr die objetivität.

grüsse

Das dürfte vielleicht diese Studien sein:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=16702408&am p;query_hl=2&itool=pubmed_docsum

Keratin 17 modulates hair follicle cycling in a TNFalpha-dependent fashion.

- * Tong X,
- * Coulombe PA.

Department of Biological Chemistry, The Johns Hopkins University School of Medicine, Baltimore, MD 21205, USA.

Mammalian hair follicles cycle between stages of rapid growth (anagen) and metabolic quiescence (telogen) throughout life. Transition from anagen to telogen involves an intermediate stage, catagen, consisting of a swift, apoptosis-driven involution of the lower half of the follicle. How catagen is coordinated, and spares the progenitor cells needed for anagen re-entry, is poorly understood. Keratin 17 (K17)-null mice develop alopecia in the first week post-birth, correlating with hair shaft fragility and untimely apoptosis in the hair bulb. Here we show that this abnormal apoptosis reflects premature entry into catagen. Of the proapoptotic challenges tested, K17-null skin keratinocytes in primary culture are selectively more sensitive to TNFalpha. K17 interacts with TNF receptor 1 (TNFR1)-associated death domain protein (TRADD), a death adaptor essential for TNFR1-dependent signal relay, suggesting a functional link between this keratin and TNFalpha signaling. The activity of NF-kappaB, a downstream target of TNFalpha, is increased in

K17-null skin. We also find that TNFalpha is required for a timely anagen-catagen transition in mouse pelage follicles, and that its ablation partially rescues the hair cycling defect of K17-null mice. These findings identify K17 and TNFalpha as two novel and interdependent regulators of hair cycling.

PMID: 16702408 [PubMed - indexed for MEDLINE]

Subject: Re: protein k 17
Posted by [tulu](#) on Sun, 29 Oct 2006 15:07:41 GMT
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ich glaube es ist eher die hier
<http://www.genesdev.org/cgi/reprint/16/11/1412>

weisst du vielleicht in welchem LM dieses protein enthalten ist ?
