



Figure 7: Pre-membrane effect of rhein (Novartis osteocerein brochure, n.d.)

In the post-membrane effect of diacerein, it prevents IL-1-induced expression of proteins involved in catabolic processes by inhibiting degradation of the inhibitory protein I κ B- α and subsequent activation of the transcription factor NF- κ B and its translocation to the nucleus, NF- κ B stimulates expression of a number of genes involved in inflammation and cartilage catabolism