V. Antidepressant Receptor NHR-23 is involved in regulating stress response via endocrine and neuroendocrine mechanisms.

The protein expression of NHR-23 is regulated by the interaction of MDR-28 with the transcription factor NF-κB.

The MDR-28 promoter contains a binding site for NF-κB, which is necessary for its transcriptional activity.

Furthermore, the interaction of MDR-28 with NF-κB is mediated by the activation of the stress-activated protein kinase (SAPK) pathway.

In conclusion, the regulation of NHR-23 expression is crucial in the stress response and plays a significant role in the modulation of antidepressant response.

References:


