

Anti-RLIM/Rnf12 Antibody serum, from rabbit

Art. ID SAF-ABE1949

Unit EA

Description

E3 ubiquitin-protein ligase RLIM (UniProt Q9WTV7, also known as Hoxa1 regulated, LIM domain-interacting RING finger protein, R-LIM, RING finger LIM domain-binding protein, Ring finger protein 12) is encoded by the Rlim (also known as AL022832, AW743871, Ha1r, Rlim1, Rnf12) gene (Gene ID 19820) in murine species. The CLIM/LDB/NLI and RLIM/RNF12 cofactors are transcriptional coregulatory proteins characterized by their ability to bind the LIM domains of nuclear LIM proteins, including LIM homeodomain (LIM-HD) transcription factors. The association of CLIM with LIM-HDs positively regulate their biological and transcriptional activity. On the other hand, the RING finger ubiquitin ligase RLIM acts as a negative regulator of LIM-HD activity by interacting with and targeting CLIM for degradation via the ubiquitin-proteasome pathway.