



Fig. 12. Photomicrographs of double immunofluorescence of coronal sections at the level of the facial nucleus of the brainstem (B-Raf staining) or the lumbar part of the spinal cord (c-Raf-1 staining) of adult mice under the conventional microscope (50 X). The sections were immunoreacted with specific antibodies against B-Raf or c-Raf-1 and cytochrome c oxidase subunit I A-6403 by employing different combinations of fluorochrome-labelled secondary antibodies. Separately, sections were double stained with B-Raf, c-Raf-1/Cy2 (green, A,D) and A-6403/Cy3 (red, B,E).

(C,F) Indicate subsequent double exposures with single filters (G and R, Leica) and the orange colour corresponds to an overlap of immunostaining of B-Raf and c-Raf-1 respectively with mitochondrial marker within the motoneurons in the same sections. Note that Rafs and A-6403 are colocalized in the motoneurons.