

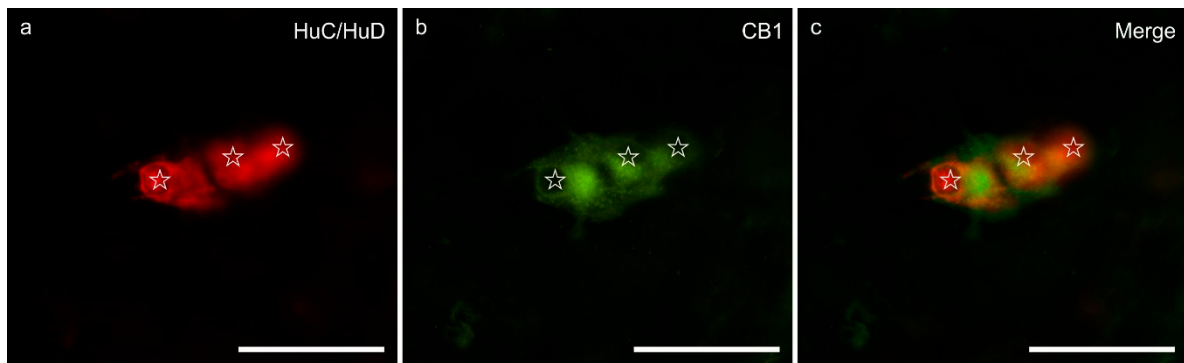


Figure S1. CB1 receptor immunoreactivity in the submucosal plexus of the human colon: (a) HuC/HuD immunoreactive neurons, (b) CB1 receptor immunoreactivity, (c) merge image. Stars indicate three HuC/HuD immunoreactive neurons, which co-expressed CB1 receptor immunoreactivity. Scale bar: 50 μ m

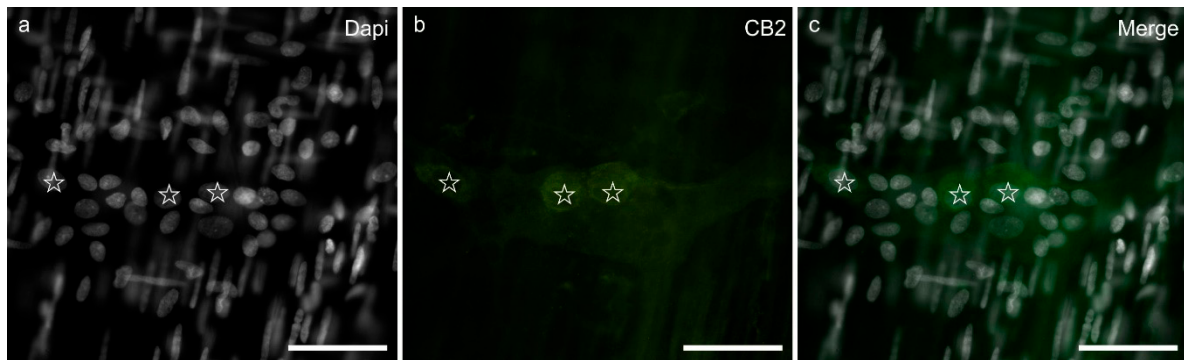


Figure S2. CB2 receptor immunoreactivity in the myenteric plexus neurons of the rat ileum: (a) Dapi stained neuronal nuclei of neurons, (b) CB2 receptor immunoreactivity, (c) merge image. Stars indicate the Dapi stained neuronal nuclei of three neurons, which co-expressed CB2 receptor immunoreactivity. Scale bar: 50 μ m

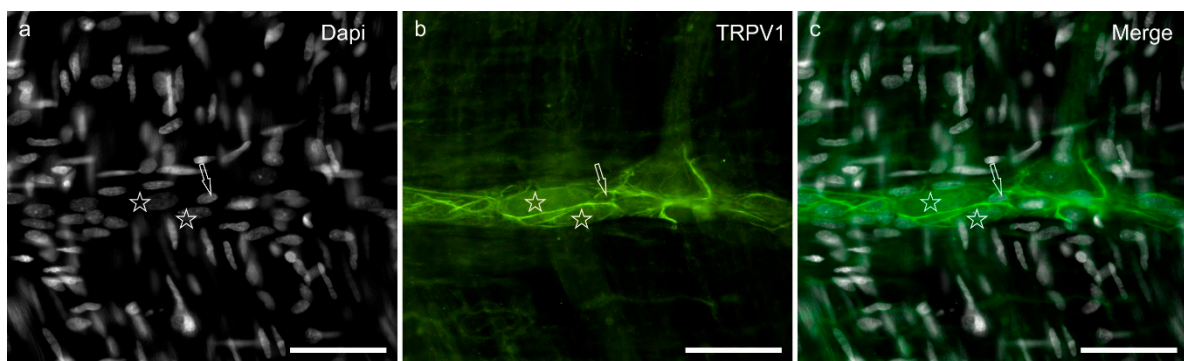


Figure S3. TRPV1 immunoreactivity in the myenteric plexus of the rat ileum: (a) Dapi stained neuronal nuclei of neurons, (b) TRPV1 immunoreactivity, (c) merge image. Stars indicate the Dapi stained neuronal nuclei of two neurons, which co-expressed weak TRPV1 immunoreactivity. The arrow indicates the nucleus of one enteric glial cell expressing bright TRPV1 immunoreactivity. Scale bar: 50 μ m