

Adhesion Class GPCRs (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database

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Abstract

Adhesion GPCRs are structurally identified on the basis of a large extracellular region, similar to the Class B GPCR, but which is linked to the 7TM region by a GPCR autoproteolysis-inducing (GAIN) domain [8] containing a GPCR proteolytic site. The N-terminus often shares structural homology with adhesive domains (e.g. cadherins, immunoglobulin, lectins) facilitating inter- and matricellular interactions and leading to the term adhesion GPCR [82, 332]. Several receptors have been suggested to function as mechanosensors [254, 234, 215, 221]. The nomenclature of these receptors was revised in 2015 [254, 234, 215, 221].

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Database links

Adhesion Class GPCRs

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Introduction to Adhesion Class GPCRs

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