

Type III receptor serine/threonine kinases in GtoPdb v.2025.3

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Abstract

Type III serine/threonine kinase is often referred to as an accessory protein. While it has no known enzymatic activity, it can regulate the signalling of RSTKs [3, 2].

Contents

This is a citation summary for Type III receptor serine/threonine kinases in the [Guide to Pharmacology](#) database (GtoPdb). It exists purely as an adjunct to the database to facilitate the recognition of citations to and from the database by citation analyzers. Readers will almost certainly want to visit the relevant sections of the database which are given here under database links.

GtoPdb is an expert-driven guide to pharmacological targets and the substances that act on them. GtoPdb is a reference work which is most usefully represented as an on-line database. As in any publication this work should be appropriately cited, and the papers it cites should also be recognized. This document provides a citation for the relevant parts of the database, and also provides a reference list for the research cited by those parts. For further details see [1].

Please note that the database version for the citations given in GtoPdb are to the most recent preceding version in which the family or its subfamilies and targets were substantially changed. The links below are to the current version. If you need to consult the cited version, rather than the most recent version, please contact the GtoPdb curators.

Database links

Type III receptor serine/threonine kinases

<https://www.guidetopharmacology.org/GRAC/FamilyDisplayForward?familyId=798>

Receptors

[TGFBR3\(transforming growth factor beta receptor 3\)](#)

<https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=1796>

References

1. Buneman P, Christie G, Davies JA, Dimitrellou R, Harding SD, Pawson AJ, Sharman JL and Wu Y. (2020) Why data citation isn't working, and what to do about it *Database* **2020** [PMID:32367113]
2. Hill CR, Jacobs BH, Brown CB, Barnett JV and Goudy SL. (2015) Type III transforming growth factor beta receptor regulates vascular and osteoblast development during palatogenesis. *Dev Dyn* **244**: 122-33 [PMID:25382630]
3. López-Casillas F, Cheifetz S, Doody J, Andres JL, Lane WS and Massagué J. (1991) Structure and expression of the membrane proteoglycan betaglycan, a component of the TGF-beta receptor system. *Cell* **67**: 785-95 [PMID:1657406]