Accepted Manuscript

The DRY motif and the four corners of the cubic ternary complex model



G. Enrico Rovati, Valérie Capra, Vincent S. Shaw, Rabia U. Malik, Sivaraj Sivaramakrishnan, Richard R. Neubig

PII:	S0898-6568(17)30089-X
DOI:	doi: 10.1016/j.cellsig.2017.03.020
Reference:	CLS 8884
To appear in:	Cellular Signalling
Received date: Accepted date:	20 January 2017 24 March 2017

Please cite this article as: G. Enrico Rovati, Valérie Capra, Vincent S. Shaw, Rabia U. Malik, Sivaraj Sivaramakrishnan, Richard R. Neubig, The DRY motif and the four corners of the cubic ternary complex model. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Cls(2016), doi: 10.1016/j.cellsig.2017.03.020

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

The DRY Motif and the Four Corners of the Cubic Ternary Complex Model

G.Enrico Rovati^a, Valérie Capra^{a,b}, Vincent S. Shaw^c, Rabia U. Malik^d, Sivaraj

Sivaramakrishnan^d, and Richard R. Neubig^c

^aDepartment of Pharmacological and Biomolecular Sciences and ^bDepartment of Health Science, University of Milan, Milano, Italy; E-mail addresses: Genrico.Rovati@unimi.it, Valerie.Capra@unimi.it;

^cDepartment of Pharmacology & Toxicology, Michigan State University, East Lansing, MI; E-mail addresses: shawvinc@msu.edu, Richard.Neubig@hc.msu.edu; ^dDepartment of Genetics, Cell Biology & Development, College of Biological Sciences, University of Minnesota Twin Cities, Minneapolis, MN.; E-mail addresses: rumalik@umich.edu, sivaraj@umn.edu

Address all correspondence to:

G.Enrico Rovati, Laboratory of Molecular Pharmacology, Dept. of Pharmacological and Biomolecular Sciences, University of Milan, Via Balzaretti 9, 20133 Milan, Italy. Telephone: +390250318369, Email: **GEnrico.Rovati@unimi.it**

Abbreviations:

GPCR, heptahelical G protein-coupled receptors; CA, constitutive activity; CAM, constitutively active mutant ; CIM, constitutively inactive mutant; TCM, ternary complex model; ETC, extended ternary complex model; CTC, cubic ternary complex model; TM, transmembrane helix

Download English Version:

https://daneshyari.com/en/article/5509279

Download Persian Version:

https://daneshyari.com/article/5509279

Daneshyari.com