

Accepted Manuscript

Title: Role of GW182 proteins in the cell

Authors: Saife Niaz, Mahboob Ul Hussain

PII: S1357-2725(18)30121-3

DOI: <https://doi.org/10.1016/j.biocel.2018.05.009>

Reference: BC 5366



To appear in: *The International Journal of Biochemistry & Cell Biology*

Received date: 20-3-2018

Revised date: 23-4-2018

Accepted date: 17-5-2018

Please cite this article as: Niaz S, Hussain MU, Role of GW182 proteins in the cell, *International Journal of Biochemistry and Cell Biology* (2018), <https://doi.org/10.1016/j.biocel.2018.05.009>

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Title: The GW182: An overview

Keywords: GW182; miRISC; miRNA; Ago; mRNA.

Saife Niaz^{*#}, Mahboob Ul Hussain[#].

[#]Department of Biotechnology, University of Kashmir, Srinagar-190006, J&K, India.

*Corresponding author:

Saife Niaz

Department of biotechnology,

University of Kashmir,

Srinagar-190006, J&K,

India.

Abbreviations:

Ago, argonaute; TNRC6 ,trinucleotide repeat-containing protein 6; AIN1 and AIN2 ,ALG-1 interacting protein; miRISC, miRNA induces silencing complex; UBA, ubiquitin-associated domain; Q-rich, glutamine rich region; Mid, middle domain; RRM, RNA recognition motif; C-term, carboxy-terminal region; N-term, amino-terminal; GW, glycine –tryptophan; CIM-1/CIM-2, CCR4-NOT-interacting motifs 1 and 2; PAM-2, PABP-interacting motif 2; NLS, nuclear localization signal; NES, nuclear export signal.

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