

Rac

Rac is a subfamily of the [Rho](#) family of [GTPases](#), small (~21 kDa) signaling [G proteins](#) (more specifically a GTPase).

The subgroup include:

Rac1.

[Rac2](#).

Rac3

RhoG

Some research has suggested that Rac could be involved in mediating the process of forgetting.

Results strongly suggest that Rac acts as a positive regulator of the [PAR](#)-elicited release of phosphorylated-HSP27 from human platelets via p38 MAPK but not JNK ¹⁾.

¹⁾

Uematsu K, Enomoto Y, Onuma T, Tsujimoto M, Doi T, Matsushima-Nishiwaki R, Tokuda H, Ogura S, Iida H, Kozawa O, Iwama T. Rac Regulates the TRAP-Induced Release of Phosphorylated-HSP27 from Human Platelets via p38 MAP Kinase but Not JNK. Cell Physiol Biochem. 2018 Sep 13;49(4):1523-1538. doi: 10.1159/000493456. [Epub ahead of print] PubMed PMID: 30212812.

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Last update: **2024/06/07 02:48**

