

href="http://www.uniprot.org/citations/24415755" target="_blank">24415755). Regulates mitochondrial dynamics by controlling RHOT function to promote mitochondrial fission during high calcium conditions (PubMed:27716788). Able to promote the Ca(2+) release from the endoplasmic reticulum via both inositol trisphosphate (Ins3P) and ryanodine sensitive receptors leading to a enhanced mitochondrial Ca(2+) uptake (PubMed:24349085).

Cellular Location

Cytoplasm, cytosol. Endoplasmic reticulum. Mitochondrion. Nucleus Note=Nuclear import is dependent on complexing with a GTPase containing a C-terminal polybasic region.

RAP1GDS1 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

RAP1GDS1 Antibody (Center) Blocking peptide - Images**RAP1GDS1 Antibody (Center) Blocking peptide - Background**

The smg GDP dissociation stimulator (smgGDS) protein is a stimulatory GDP/GTP exchange protein with GTPase activity (Riess et al., 1993 [PubMed 8262526]).

RAP1GDS1 Antibody (Center) Blocking peptide - References

Schönherr, C., et al. Oncogene 29(19):2817-2830(2010) Branham, M.T., et al. J. Biol. Chem. 284(37):24825-24839(2009) Zemunik, T., et al. Croat. Med. J. 50(1):23-33(2009) Tew, G.W., et al. J. Biol. Chem. 283(2):963-976(2008) Tiwari, S., et al. Blood 103(7):2661-2667(2004)