
ETV5 Antibody Blocking Peptide

Catalog Number: bs-8592P

Activity: Not tested

Purification: HPLC

Storage: Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Rad and Gem related GTP binding protein (REM) is a member of the RGK subfamily of Ras-like GTPases that also includes Rad, REM2 and Gem/Kir. REM is a phosphorylated protein that is highly expressed in cardiac muscle and moderately expressed in lung, kidney and skeletal muscle. REM associates with several 14-3-3 isoforms as well as with calmodulin in a calcium-dependent manner. REM mediates two distinct signal transduction pathways that regulate both cytoskeletal reorganization and voltage-gated calcium channel activity. REM decreases the current that passes through cardiac voltage-gated L-type Ca channels (Ca_vL). Overexpression of REM may result in the development of cytoplasmic processes, reorganization of the Actin cytoskeleton, reduction in focal adhesion size and an elongated or dendritic-like cell morphology.