

REM1 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13721

Product Information

Application	WB
Primary Accession	O75628
Other Accession	NM_014012 , NP_054731
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine, Sheep, Yeast
Predicted Host	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Bovine, Sheep
Clonality	Rabbit
Calculated MW	Polyclonal 32947

Additional Information

Gene ID	28954
Alias Symbol	GD:REM, GES, MGC48669, REM
Other Names	GTP-binding protein REM 1, GTPase-regulating endothelial cell sprouting, Rad and Gem-like GTP-binding protein 1, REM1, GES, REM
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-REM1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	REM1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

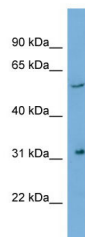
Name	REM1
Synonyms	GES, REM
Function	Promotes endothelial cell sprouting and actin cytoskeletal reorganization. May be involved in angiogenesis. May function in Ca(2+) signaling.
Tissue Location	Most highly expressed in the endothelial lining of the blood vessels in uterus and heart. Lower levels found in spleen, lymph node, kidney and testis. Also found in cells with secretory function such as the islets of Langerhans, lobule/duct epithelium in the breast, bile duct epithelium in the liver, surface

epithelium in the endometrial glands of the uterus, colon mucosa and acinar cells in the pancreas and the prostate

References

Finlin B.S.,et al.Submitted (AUG-1998) to the EMBL/GenBank/DDBJ databases.
Pan J.Y.,et al.J. Cell Biol. 149:1107-1116(2000).
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Deloukas P.,et al.Nature 414:865-871(2001).

Images



WB Suggested Anti-REM1 Antibody Titration: 0.2-1 µg/ml
Positive Control: Hela cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.