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REM1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13721

Specification

REM1 antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	O75628
Other Accession	NM_014012, NP_054731
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Sheep, Horse, Yeast, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Sheep, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**33kDa KDa**

REM1 antibody - N-terminal region - 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.

REM1 antibody - N-terminal region - 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

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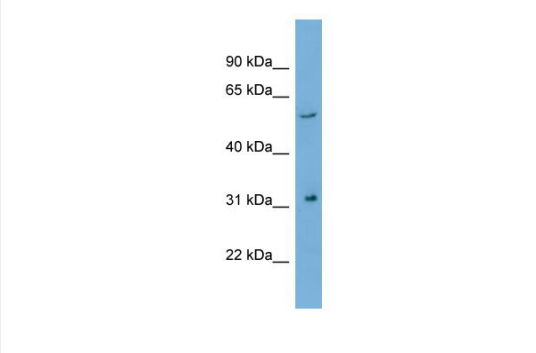
Most highly expressed in the endothelial lining of the blood vessels in uterus and heart. Lower levels found in spleen, lymph node, kidney and testis. Also found in cells with secretory function such as the islets of Langerhans, lobule/duct epithelium in the breast, bile duct epithelium in the liver, surface epithelium in the endometrial glands of the uterus, colon mucosa and acinar cells in the pancreas and the prostate

REM1 antibody - N-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

REM1 antibody - N-terminal region - Images



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

REM1 antibody - N-terminal region - 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).