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Anti-PROK1 Rabbit Monoclonal Antibody

Catalog # ABO16044

Specification

Anti-PROK1 Rabbit Monoclonal Antibody - Product Information

Application	**WB, FC**
Primary Accession	P58294
Host	**Rabbit**
Isotype	**IgG**
Reactivity	**Human, Mouse**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-PROK1 Rabbit Monoclonal Antibody . Tested in WB, Flow Cytometry applications. This antibody reacts with Human, Mouse.

Anti-PROK1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 84432

Other Names
Prokineticin-1, Endocrine-gland-derived vascular endothelial growth factor, EG-VEGF, Mambakine, PROK1

Calculated MW
14 kDa KDa

Application Details
WB 1:500-1:2000
FC 1:50

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen
A synthesized peptide derived from human PROK1

Purification
Affinity-chromatography

Storage	**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

Anti-PROK1 Rabbit Monoclonal Antibody - Protein Information

Name PROK1

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Function
Potently contracts gastrointestinal (GI) smooth muscle. Induces proliferation, migration and fenestration (the formation of membrane discontinuities) in capillary endothelial cells derived from endocrine glands. Has little or no effect on a variety of other endothelial and non-endothelial cell types. Induces proliferation and differentiation, but not migration, of enteric neural crest cells. Directly influences neuroblastoma progression by promoting the proliferation and migration of neuroblastoma cells. Positively regulates PTGS2 expression and prostaglandin synthesis. May play a role in placentation. May play a role in normal and pathological testis angiogenesis.

Cellular Location
Secreted.

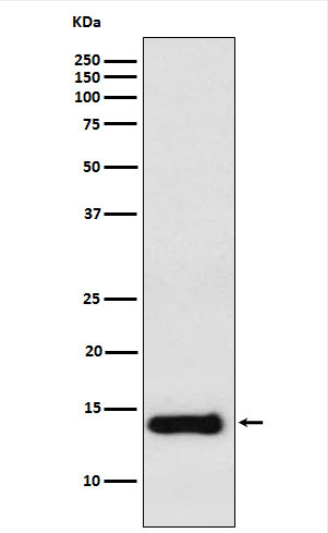
Tissue Location
Localizes to glandular epithelium, stroma and vascular epithelial cells of first trimester decidua (at protein level). Up-regulated in first trimester decidua when compared with non- pregnant endometrium. Expressed in the steroidogenic glands, ovary, testis, adrenal and placenta.

Anti-PROK1 Rabbit Monoclonal Antibody - 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

Anti-PROK1 Rabbit Monoclonal Antibody - Images



Western blot analysis of PROK1 expression in Raw264.7 cell lysate.