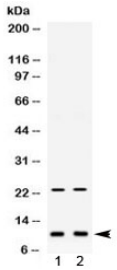
Eg-Vegf Antibody / Prok1 (R32231)

Catalog No.	Formulation	Size
R32231	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q14A28
Applications	Western Blot : 0.1-0.5ug/ml
Limitations	This Eg-Vegf antibody is available for research use only.



Western blot testing of 1) mouse liver and 2) mouse spleen lysate with Eg-Vegf antibody. Expected molecular weight ~12/10 kDa (isoforms 1/2).

Description

Prokineticin-1 is also known as EG-VEGF. The International Radiation Hybrid Mapping Consortium mapped the PROK1 gene to chromosome 1. The protein encoded by this gene induces proliferation, migration, and fenestration (the formation of membrane discontinuities) in capillary endothelial cells derived from endocrine glands. It has little or no effect on a variety of other endothelial and non-endothelial cell types. Its expression is restricted to the steroidogenic glands (ovary, testis, adrenal, and placenta), is induced by hypoxia, and often complementary to the expression of vascular endothelial growth factor (VEGF), suggesting that these molecules function in a coordinated manner.

Application Notes

Optimal dilution of the Eg-Vegf antibody should be determined by the researcher.

Immunogen

Amino acids 20-105 of mouse Eg-Vegf were used as the immunogen for the Eg-Vegf antibody.

Storage

After reconstitution, the Eg-Vegf antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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