

anti- Angiopoietin 1 antibody

Product Information

Catalog No.:	FNab00391
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

This gene encodes a secreted glycoprotein that belongs to the angiopoietin family. Members of this family play important roles in vascular development and angiogenesis. All angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase receptor. The protein encoded by this gene is a secreted glycoprotein that activates the receptor by inducing its tyrosine phosphorylation. It plays a critical role in mediating reciprocal interactions between the endothelium and surrounding matrix and mesenchyme and inhibits endothelial permeability. The protein also contributes to blood vessel maturation and stability, and may be involved in early development of the heart. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Immunogen information

Immunogen:	angiopoietin 1
Synonyms:	AGP1, AGPT, ANG 1, ANG1, angiopoietin 1, ANGPT1, KIAA0003
Observed MW:	53 kDa
Uniprot ID :	Q15389

Application

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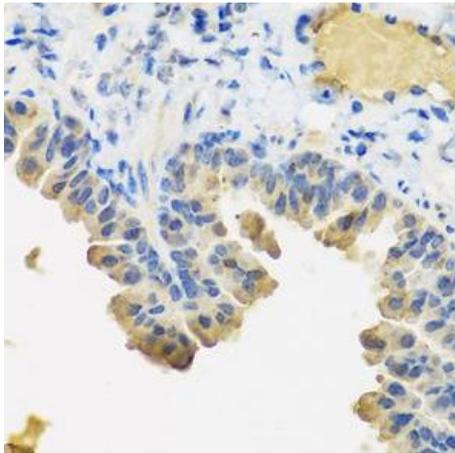
www.fn-test.com

Reactivity: Human, Mouse, Rat

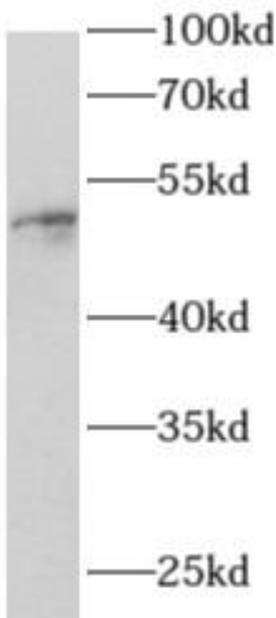
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:100

Image:



Immunohistochemistry of paraffin-embedded human esophagus using FNab00391(ANGPT1 Antibody) at dilution of 1:100



Immunohistochemistry of paraffin-embedded mouse lung using FNab00391(ANGPT1 Antibody) at dilution of 1:100