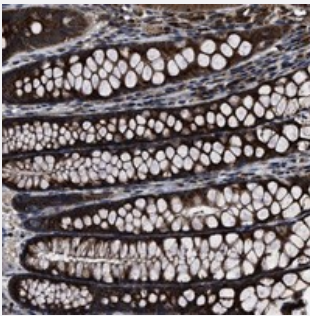


ANGPT1 polyclonal antibody

Catalog # PAB21173 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human colon with ANGPT1 polyclonal antibody (Cat # PAB21173) shows strong cytoplasmic positivity at 1:20-1:50 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant ANGPT1.
Immunogen	Recombinant protein corresponding to amino acids of human ANGPT1.
Sequence	EKENLQGLVTRQTYIQELEKQLNRATTNNSVLQKQQLLEMDTVHNLVNLCTKEGVLLKGGKREEE KPFR
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:20-1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — ANGPT1

Entrez GeneID[284](#)**Protein Accession#**[Q15389](#)**Gene Name**

ANGPT1

Gene Alias

AGP1, AGPT, ANG1

Gene Description

angiopoietin 1

Omim ID[601667](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Angiopoietins are proteins with 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. The protein also contributes to blood vessel maturation and stability, and may be involved in early development of the heart. [provided by RefSeq]

Other Designations

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Disease

- [Angina Pectoris](#)
- [Coronary Disease](#)

- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Liver Cirrhosis](#)
- [Myocardial Infarction](#)
- [Stroke](#)