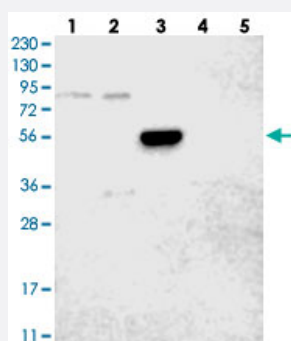


ANGPT1 polyclonal antibody

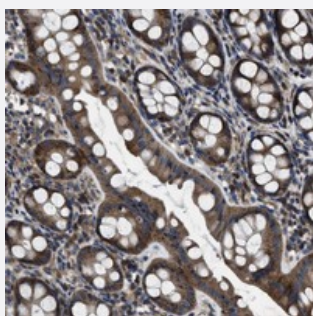
Catalog # PAB21177 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with ANGPT1 polyclonal antibody (Cat # PAB21177).



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

Immunohistochemical staining of human rectum with ANGPT1 polyclonal antibody (Cat # PAB21177) strong cytoplasmic positivity in glandular cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant ANGPT1.
Immunogen	Recombinant protein corresponding to amino acids of human ANGPT1.
Sequence	SNQRRSPENSGRRYNRIQHGGQAYFILPEHDGNCRESTTDQYNTNALQRDAPHVEPDFSSQKLQHLEHVME
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:250-1:500) 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

- Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with ANGPT1 polyclonal antibody (Cat # PAB21177).

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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

-

Disease

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