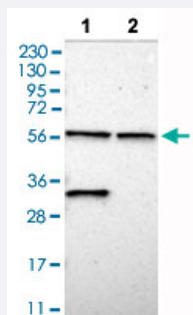


ENG polyclonal antibody

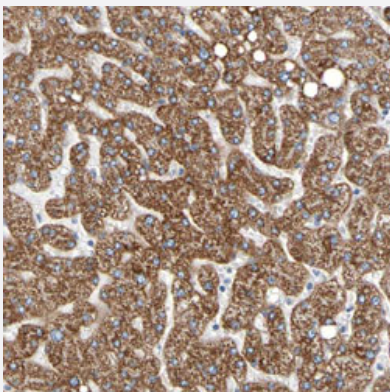
Catalog # PAB29312 Size 100 uL

Applications



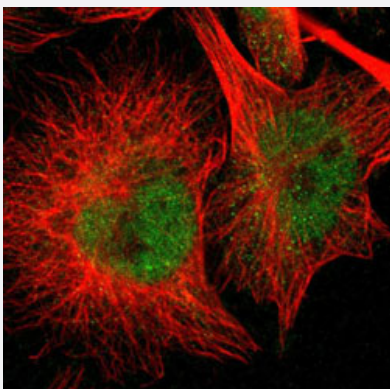
Western Blot (Cell lysate)

Western blot analysis of Lane 1: RT-4 cell lysate, Lane 2: U-251 MG sp cell lysate with ENG polyclonal antibody (Cat# PAB29312) at 1:100 - 1:250 dilution.



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human liver tissue with ENG polyclonal antibody (Cat# PAB29312) at 1:200 - 1:500 dilution.



Immunofluorescence

Immunofluorescence staining of U-251 MG cells with ENG polyclonal antibody (Cat# PAB29312) under 1-4 ug/mL working concentration.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human ENG.
Immunogen	Recombinant protein corresponding to amino acids 312-438 of human ENG.
Sequence	ASFVELPLASIVSLHASSCGGRLQTSPAPIQTTPPKDTCSPELLMSLIQTKCADDAMTLVLKKELV AHLKCTITGLTFWDPSCEAEDRGDKFVLR SAYSSCGMQV SASMISNEAVVNILSSSSPQRK
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (1:200-1:500) Western Blot (1:100-1:250) 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 (Cell lysate)

Western blot analysis of Lane 1: RT-4 cell lysate, Lane 2: U-251 MG sp cell lysate with ENG polyclonal antibody (Cat# PAB29312) at 1:100 - 1:250 dilution.

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human liver tissue with ENG polyclonal antibody (Cat# PAB29312) at 1:200 - 1:500 dilution.

- Immunofluorescence

Immunofluorescence staining of U-251 MG cells with ENG polyclonal antibody (Cat# PAB29312) under 1-4 ug/mL working concentration.

Gene Info — ENG

Entrez GeneID	2022
Protein Accession#	P17813
Gene Name	ENG
Gene Alias	CD105, END, FLJ41744, HHT1, ORW, ORW1
Gene Description	endoglin
Omim ID	131195 187300
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a homodimeric transmembrane protein which is a major glycoprotein of the vascular endothelium. This protein is a component of the transforming growth factor beta receptor complex and it binds TGFB1 and TGFB3 with high affinity. Mutations in this gene cause hereditary hemorrhagic telangiectasia, also known as Osler-Rendu-Weber syndrome 1, an autosomal dominant multisystemic vascular dysplasia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	CD105 antigen OTTHUMP00000022221 Osler-Rendu-Weber syndrome 1

Disease

- [Aneurysm](#)
- [Arteriovenous Malformations](#)
- [Cardiovascular Diseases](#)
- [Central Nervous System Vascular Malformations](#)
- [Chromosome Aberrations](#)
- [Diabetes Mellitus](#)
- [Edema](#)
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- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)
- [Hypertension](#)
- [Intracranial Aneurysm](#)

- [Intracranial Arteriovenous Malformations](#)
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- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)