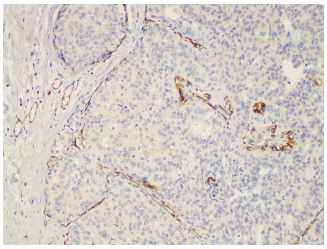
Tel:240-252-7368(USA)
Fax: 240-252-7376(USA)
techsupport@elabscience.com
Website: www.elabscience.com

ENG Polyclonal Antibody

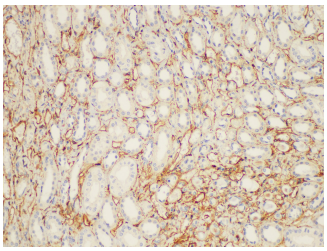
Catalog No.	E-AB-40375	**Reactivity**	H
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	IHC	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunohistochemistry of paraffin-embedded Human breast cancer using ENG Ployclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Human kidney using ENG Ployclonal Antibody at dilution of 1:200.

Immunogen Information

Immunogen	Recombinant Human Endoglin protein
GeneID	2022
Swissprot	P17813
Synonyms	CD 105,CD105,EGLN,END,Endoglin,HHT1,ORW,ORW1

Product Information

Buffer	PBS with 0.05% Proclin300, 50% glycerol, pH7.3.
Purify	Antigen Affinity Purification
Dilution	IHC 1:100-1:300

Background

ENG (Endoglin) is a Protein Coding gene. Diseases associated with ENG include Telangiectasia, Hereditary Hemorrhagic, Type 1 and Hereditary Hemorrhagic Telangiectasia. Among its related pathways are Angiogenesis (CST) and HIF-1-alpha transcription factor network. GO annotations related to this gene include protein homodimerization activity and glycosaminoglycan binding. An important paralog of this gene is TGFBR3. 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 to the beta1 and beta3 peptides 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. This gene may also be involved in preeclampsia and several types of cancer. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.