

Rabbit Endoglin Polyclonal Antibody | anti-ENG antibody

Endoglin Rabbit Polyclonal Antibody

CATALOG # AAA30754	HOST Rabbit	REACTIVITY Human, Rat, Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

Endoglin; Polyclonal Antibody; Endoglin Rabbit Polyclonal Antibody; Endoglin (CD antigen CD105); BH6842; anti-ENG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous Endoglin
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-ENG antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 1:500-2000 IHC-p: 1:500-200 ELISA: 1:10000-20000
Immunogen	Synthetic peptide from human protein at AA range: 370-430
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western blot analysis of lysates from 1) 3T3, 2) K562, 3) HeLa cells, ?Green? primary antibody was diluted at 1:1000, 4 degree over night, secondary antibody was diluted at 1:10000, 37 degree 1hour. ?Red? GAPDH Monoclonal Antibody(2B8) antibody was diluted at 1:5000 as loading control, 4 degree over night,secondary antibody was diluted at 1:10000, 37 degree 1hour.



WB (Western Blot)

Western blot analysis of 3T3 KB K562 HeLa 293T lysate, antibody was diluted at 500. Secondary antibody was diluted at 1:20000

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human-tonsil, antibody was diluted at 1:200

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human-tonsil, antibody was diluted at 1:200

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human Amygdala. 1, Antibody was diluted at 1:200(4 degree overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

ADDITIONAL INFORMATION

Related Product Information for anti-ENG antibody

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. [provided by RefSeq, May 2013]

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557555
NCBI GeneID	2022
NCBI Accession #	NP_000109.1
NCBI GenBank Nucleotide #	NM_000118.2
UniProt Accession #	P17813; Q14248; Q14926; Q5T9C0
Molecular Weight	70,578 Da
NCBI Official Full Name	endoglin isoform 2
NCBI Official Synonym Full Names	endoglin
NCBI Official Symbol	ENG
NCBI Official Synonym Symbols	END; ORW; HHT1; ORW1; CD105
NCBI Protein Information	endoglin; CD105 antigen
UniProt Protein Name	Endoglin
UniProt Gene Name	ENG
UniProt Synonym Gene Names	END
UniProt Entry Name	EGLN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/endoglin-antibody-western-blot-immunohistochemistry-immunohistochemistry-elisa/30754>