

ENG RABBIT PAB

Cat.#: S217249

Product Name: Anti-ENG Rabbit Polyclonal Antibody

Synonyms: END; HHT1; ORW1

UNIPROT ID: P17813 (Gene Accession - BC014271)

Background: 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.

Immunogen: Fusion protein of human ENG

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 100-200;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

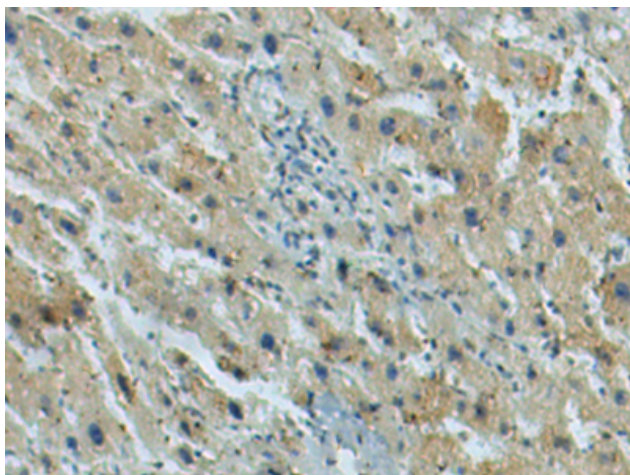
Purification: Antigen affinity purification

Species Reactivity: Human

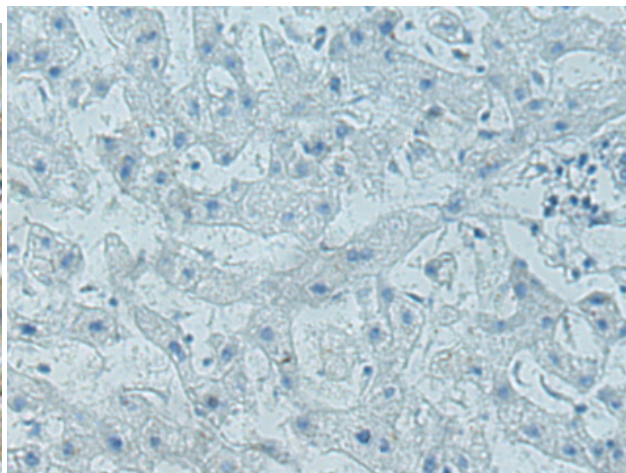
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Cancer, Cardiovascular, Immunology, Stem Cells

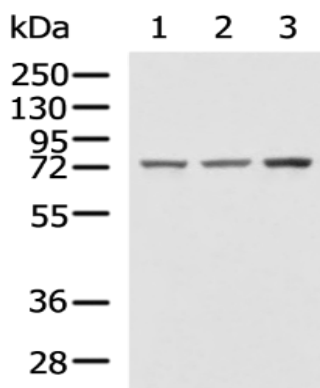
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 217249(ENG Antibody) at a dilution of 1/80(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 217249(Anti-ENG Antibody) at dilution 1/80.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane 1-3: HepG2, Jurkat and MCF-7 cell lysates;
Primary antibody: 217249(ENG Antibody) at dilution 1/650;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 1 minute