

## 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

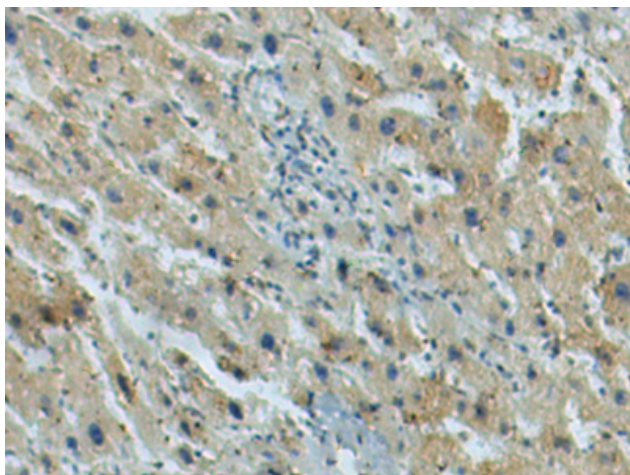
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

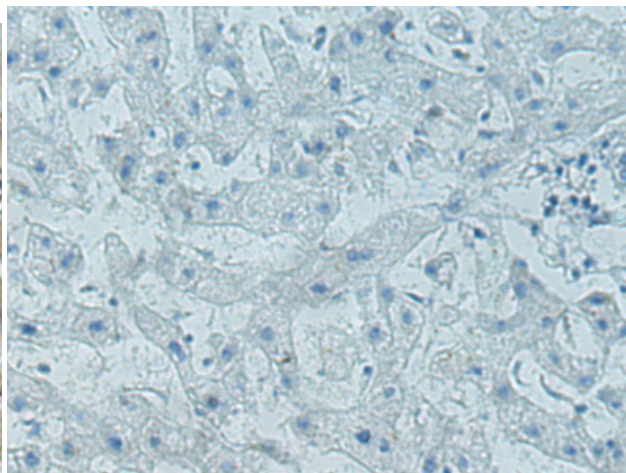
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Cancer, Cardiovascular, Immunology, Stem Cells

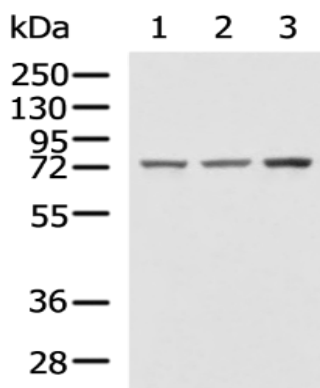
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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