

Angiopoietin 1 Recombinant antibody

Cat:B36249S

Company: HaoKebio

Uniprot ID:Q15389

Applications: IHC:1:50-1:500

Organism:Rabbit

IHC-Polymer:1:200-1:2000

Species reactivity:Human Mouse

IHC-TSA:1:250-1:2500

Molecular Weight Calculation: 498 aa, 58 kDa

WB:1:1000-1:4000

Observed Molecular Weight: 70 kDa

FC:1:200-1:600

Background:

Angiopoietin 1 is a 70-kDa secreted glycoprotein generated from vascular mural cells, pericytes, and certain other cells. Angiopoietin 1 participates in vascular differentiation through angiogenesis, which is the process of the growth and remodeling of existing vessels. Angiopoietin 1 is also involved in the maintenance and turnover of blood vessels in mature animals. Angiopoietin 1 binds to and activates the TEK/TIE2 receptor by inducing its dimerization and tyrosine phosphorylation, playing an important role in the regulation of angiogenesis. Overexpression of Angiopoietin 1 has been proven to occur in malignant glioblastoma, neuroblastoma, non-small cell lung cancer, and other tumors.

Synonyms:

ANGPT1, 240764D10, AGP1, AGPT, ANG 1

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

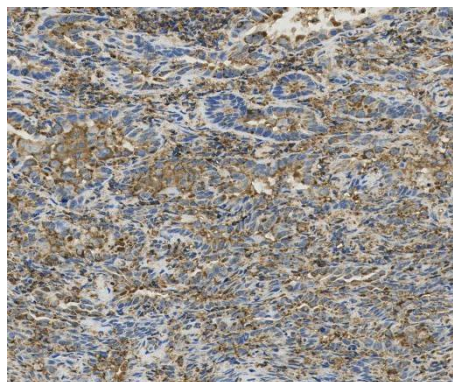
Storage:

Store at -20 °C for one year.

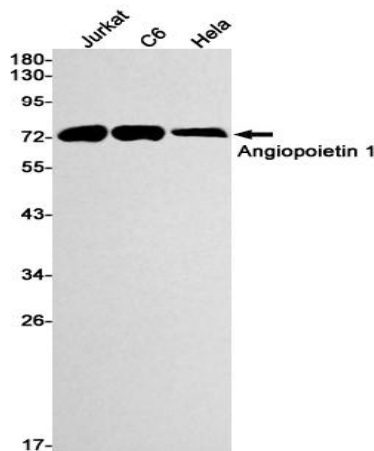
Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse kidney, 4% PFA 12-24h



Dilution of 1:4000 incubated at room temperature for 1.5 hours.

Source of Reagents:

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