

PAA009Hu01

Polyclonal Antibody to Angiopoietin 2 (ANGPT2)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.5mg/mL

UOM: 100μL

Cross Reactivity: Mouse

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant ANGPT2 (Lys24~Leu165) expressed in *E.coli*

Accession No.: RPA009Hu01

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Immunohistochemistry: 5-20μg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

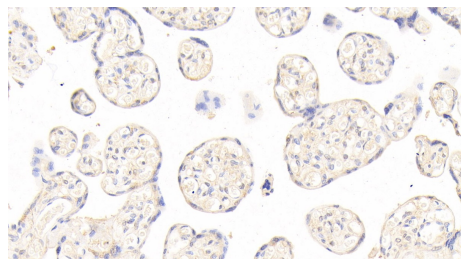
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

[IDENTIFICATION]



DAB staining on IHC-P; Samples:

Human Placenta Tissue; Primary Ab:

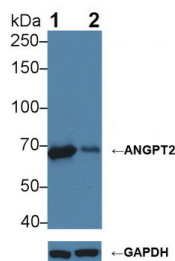
20 μ g/ml Rabbit Anti-Human ANGPT2

Antibody Second Ab: 2 μ g/mL HRP-

Linked Caprine Anti-Rabbit IgG

Polyclonal Antibody (Catalog:

SAA544Rb19)



Knockout Varification:

Lane 1: Wild-type K562 cell lysate;

Lane 2: ANGPT2 knockout K562 cell
lysate;

Predicted MW: 51,57kDa

Observed MW: 68kDa

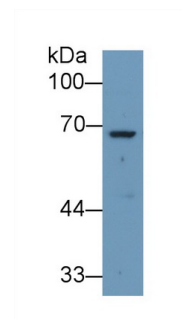
Primary Ab: 1 μ g/ml Rabbit Anti-Human
ANGPT2 Ab

Second Ab: 0.2 μ g/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Human Liver
lysate;

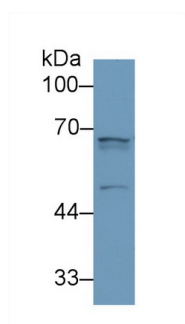
Primary Ab: 1 μ g/ml Rabbit Anti-Human
ANGPT2 Antibody

Second Ab: 0.2 μ g/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



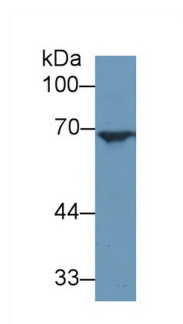
Western Blot; Sample: Human Lung
lysate;

Primary Ab: 1 μ g/ml Rabbit Anti-Human
ANGPT2 Antibody

Second Ab: 0.2 μ g/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody



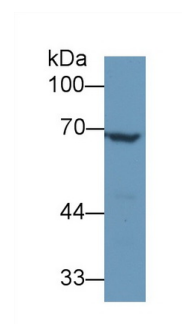
Western Blot; Sample: Mouse Spleen
lysate;

Primary Ab: 1 μ g/ml Rabbit Anti-Human
ANGPT2 Antibody

Second Ab: 0.2 μ g/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody



Western Blot; Sample: Human K562
cell lysate;

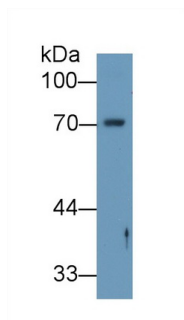
Primary Ab: 1 μ g/ml Rabbit Anti-Human
ANGPT2 Antibody

Second Ab: 0.2 μ g/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

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Western Blot; Sample: Human ECV304 cell lysate;

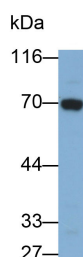
Primary Ab: 1µg/ml Rabbit Anti-Human ANGPT2 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal Antibody

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Western Blot; Sample: 3T3-L1 cell lysate

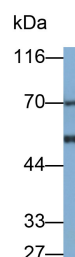
Primary Ab: 0.1µg/ml Rabbit Anti-Human ANGPT2 Antibody

Second Ab: 0.2?g/ml HRP-Linked

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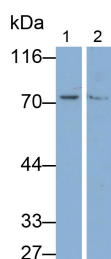
Western Blot; Sample: HUVEC cell lysate

Primary Ab: 0.1µg/ml Rabbit Anti-Human ANGPT2 Antibody

Second Ab: 0.2?g/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)



Western Blot; Samples: Lane1: SKOV3 cell lysate; Lane2: HBMEC cell lysate;

Primary Ab: 0.1µg/ml Rabbit Anti-Human ANGPT2 Antibody

Second Ab: 0.2?g/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)

[**IMPORTANT NOTE**]

The kit is designed for research use only, we will not be responsible for any issue if the kit was

used in clinical diagnostic or any other procedures.