

PAA711Hu02

Polyclonal Antibody to Heparanase (HPSE)

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: Porcine

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant HPSE (Gln34~Arg115) expressed in *E.coli*

Accession No.: RPA711Hu02

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Immunohistochemistry: 5-20μg/mL;

Immunofluorescence: 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.

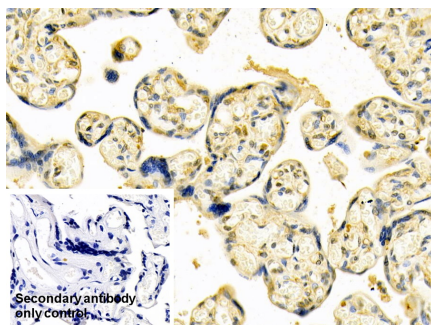
Store at 4°C for frequent use.

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

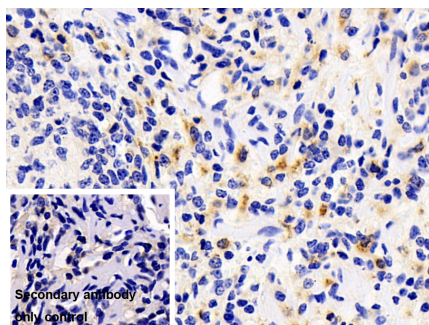
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

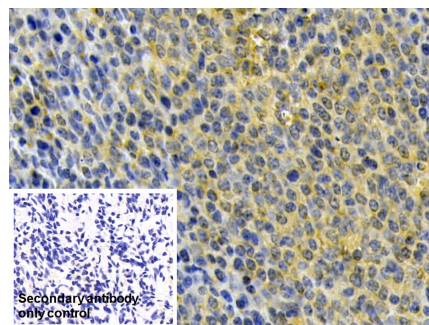
[IDENTIFICATION]



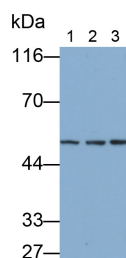
DAB staining on IHC-P; Samples:
Human Placenta Tissue; Primary Ab:
20µg/ml Rabbit Anti-Human HPA
Antibody Second Ab: 2µg/mL HRP-
Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog:
SAA544Rb19)



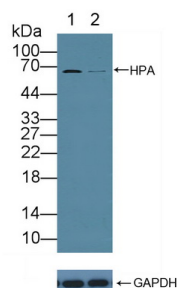
DAB staining on IHC-P;
Sample: Porcine Spleen Tissue
Primary Ab: 10µg/ml Rabbit Anti-
Human HPSE Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2µg/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



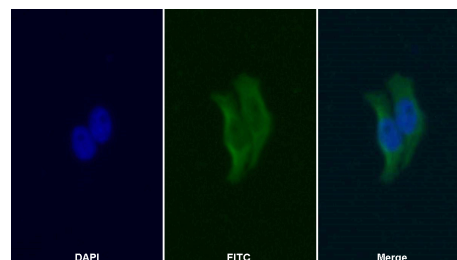
DAB staining on IHC-P;
Sample: Human Spleen Tissue;
Primary Ab: 20µg/ml Rabbit Anti-
Human HPA Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)
Secondary antibody only control: Used
PBS instead of primary antibody,
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Western Blot; Samples: Lane1: LO2
cell lysate; Lane2: HepG2 cell lysate;
Lane3: Jurkat cell lysate;

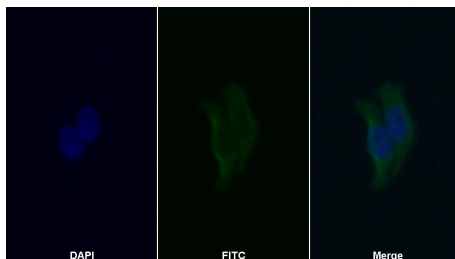


Knockout Varification:
Lane 1: Wild-type HepG2 cell lysate;
Lane 2: HPA knockout HepG2 cell



FITC staining on IF;
Samples: Human HepG2 cell;
Primary Ab: 20µg/ml Rabbit Anti-
Human HPA Antibody
Second Ab: 1.5µg/ml FITC-Linked

Primary Ab: 0.1µg/ml Rabbit Anti-Human HPSE Antibody	lysate;	Caprine Anti-Rabbit IgG Polyclonal Antibody
Second Ab: 0.2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)	Predicted MW: 43,53,55,61kd Observed MW: 68kd	(Catalog: SAA544Rb18)
	Primary Ab: 1µg/ml Rabbit Anti-Human HPA Antibody	
	Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)	



FITC staining on IF;

Sample: HepG2 cell

Primary Ab: 20µg/ml Rabbit Anti-Human HPSE Antibody

Second Ab: 2µg/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb11)

[**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.