

PAA872Hu01

Polyclonal Antibody to Heat Shock Protein 40 (HSP40)

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: 0.35mg/mL

UOM: 100μL

Cross Reactivity: N/A

Applications: WB; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant HSP40 (Met1~Ile340) expressed in *E.coli*

Accession No.: RPA872Hu01

[APPLICATIONS]

Western blotting: 0.01-3μg/mL;

Immunofluorescence: 5-20μg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

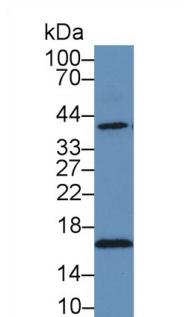
Store at 4°C for frequent use.

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]

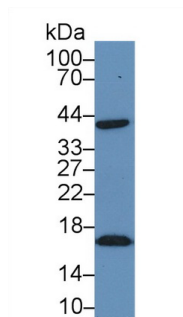


Western Blot; Sample: Human Lung
lysate;

Primary Ab: 3µg/ml Rabbit Anti-Human
HSP40 Antibody

Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb19)

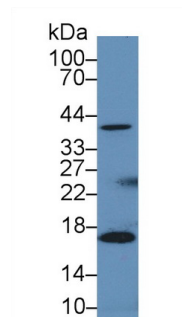


Western Blot; Sample: Human Jurkat
cell lysate;

Primary Ab: 3µg/ml Rabbit Anti-Human
HSP40 Antibody

Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb19)

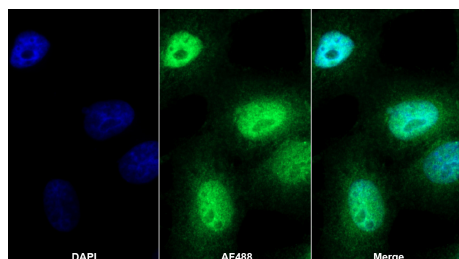


Western Blot; Sample: Human 293T
cell lysate;

Primary Ab: 3µg/ml Rabbit Anti-Human
HSP40 Antibody

Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb19)



AF488 staining on IF;

Sample: U2OS cell

Primary Ab: 20µg/ml Rabbit Anti-
Human HSP40 Antibody

Second Ab: 2µg/ml AF488-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.