

## Goat HSP60/HSPD1 Polyclonal Antibody | anti-HSPD1 antibody

Goat anti-HSP60/HSPD1 (aa333-344) Antibody

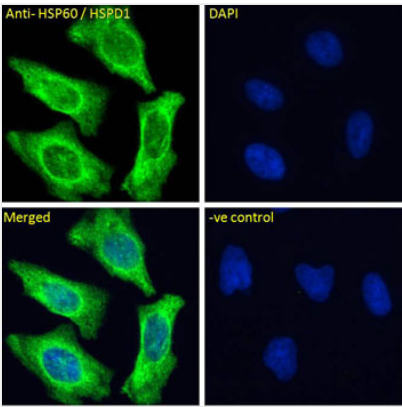
| CATALOG # | HOST | REACTIVITY                                                                         | APPLICATIONS                                                  |
|-----------|------|------------------------------------------------------------------------------------|---------------------------------------------------------------|
| AAA61783  | Goat | Tested: Human, Rat, Pig<br>Expected from sequence similarity: Human, Dog, Pig, Cow | Immunofluorescence, Immunohistochemistry, Western Blot, ELISA |

### PRODUCT SYNONYMS

HSP60/HSPD1; Polyclonal Antibody; Goat anti-HSP60/HSPD1 (aa333-344) Antibody; HSPD1; heat shock 60kDa protein 1 (chaperonin); CPN60; GROEL; HLD4; HSP-60; HSP60; HSP65; HuCHA60; SPG13; 60 kDa chaperonin; 60 kDa heat shock protein; mitochondrial; P60 lymphocyte protein; chaperonin 60; heat shock protein 65; mitochondrial matrix prote; HSPD1 antibody; heat shock 60kDa protein 1 (chaperonin) antibody; CPN60 antibody; GROEL antibody; HLD4 antibody; HSP-60 antibody; HSP60 antibody; HSP65 antibody; HuCHA60 antibody; SPG13 antibody; 60 kDa chaperonin antibody; mitochondrial antibody; P60 lymphocyte protein antibody; chaperonin 60 antibody; heat shock protein 65 antibody; mitochondrial matrix prote antibody; HSP60 / HSPD1 (aa333-344); anti-HSPD1 antibody

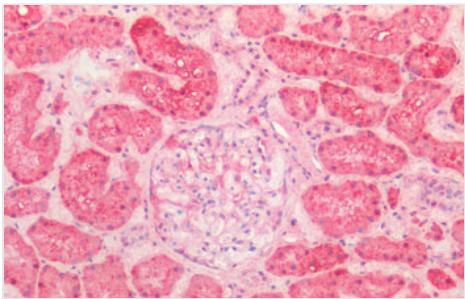
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                       |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Goat                                                                                                                                  |
| Reactivity                                      | Tested: Human, Rat, Pig<br>Expected from sequence similarity: Human, Dog, Pig, Cow                                                    |
| Clonality                                       | Polyclonal                                                                                                                            |
| Purity/Purification                             | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Form/Format                                     | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                       |
| Concentration                                   | 100ug specific antibody in 200ul (varies by lot)                                                                                      |
| Sequence                                        | C-NLEDVQPH DLGK                                                                                                                       |
| Sequence Length                                 | 573                                                                                                                                   |
| Applicable Applications for anti-HSPD1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)                                         |
| Immunogen                                       | Peptide with sequence C-NLEDVQPHDLGK, from the internal region of the protein sequence according to NP_002147.2.                      |
| Note                                            | Reported variants represent identical protein: NP_955472.1, NP_002147.2.                                                              |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1052                                                          |
| Preparation and Storage                         | Aliquot and store at -20°C. Minimize freezing and thawing.                                                                            |



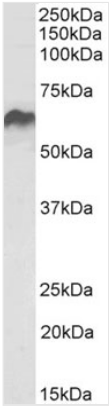
IF (Immunofluorescence)

AAA61783 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing Mitochondrial staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).



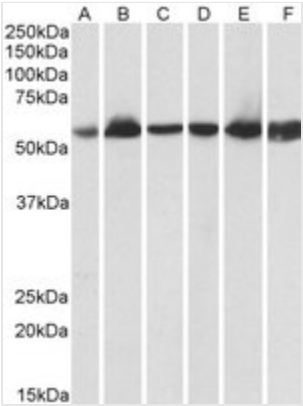
IHC (Immunohistochemistry)

AAA61783 (5 &mu;g/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)

AAA61783 (0.1ug/ml) staining of Rat Kidney lysate (35 &mu;g protein in RIPA buffer). Detected by chemiluminescence.



WB (Western Blot)

AAA61783 (0.03 &mu;g/ml) staining of Human Heart (A), Kidney (B) and Liver (C) lysate and in Pig Heart (D), Kidney(E) and Liver (F) lysate (35 &mu;g protein in RIPA buffer). Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| NCBI GI #                        | 31542947                                                 |
| NCBI GeneID                      | 3329                                                     |
| NCBI Accession #                 | NP_002147.2                                              |
| NCBI GenBank Nucleotide #        | NM_002156.4                                              |
| NCBI Official Full Name          | 60 kDa heat shock protein, mitochondrial                 |
| NCBI Official Synonym Full Names | heat shock protein family D (Hsp60) member 1             |
| NCBI Official Symbol             | HSPD1                                                    |
| NCBI Official Synonym Symbols    | HLD4; CPN60; GROEL; HSP60; HSP65; SPG13; HSP-60; HuCHA60 |
| NCBI Protein Information         | 60 kDa heat shock protein, mitochondrial                 |
| UniProt Protein Name             | 60 kDa heat shock protein, mitochondrial                 |
| UniProt Gene Name                | HSPD1                                                    |
| UniProt Synonym Gene Names       | HSP60; CPN60; HSP-60; Hsp60                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsp60-hspd1-antibody-immunofluorescence-immunohistochemistry-western-blot-peptide-elisa-elisa/61783>