

## Anti-HSPD1 antibody (27-240) (STJ24105)

STJ24105

### GENERAL INFORMATION

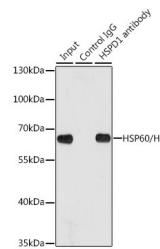
|                          |                          |
|--------------------------|--------------------------|
| <b>Product Type</b>      | Primary antibodies       |
| <b>Short Description</b> |                          |
| <b>Applications</b>      | WB/IHC-P/IF/ICC/IP/ELISA |
| <b>Host/Source</b>       | Rabbit                   |
| <b>Reactivity</b>        | Human/Mouse/Rat          |

### PRODUCT PROPERTIES

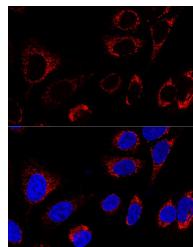
|                      |  |
|----------------------|--|
| <b>Clonality</b>     | Polyclonal   |
| <b>Clone ID</b>      |  |
| <b>Concentration</b> | Lot specific   |
| <b>Conjugation</b>   | Unconjugated   |
| <b>Purification</b>  | Affinity purification  |
| <b>Dilution</b>      | WB:1:500-1:2000  |
| <b>Range</b>         | IHC-P:1:50-1:200<br>IF/ICC:1:50-1:100  |
|                      | IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells  |
|                      | ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific application. |
| <b>Formulation</b>   | PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.   |
| <b>Isotype</b>       | IgG  |
| <b>Storage</b>       | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                               |
| <b>Instruction</b>   |  |

### TARGET INFORMATION

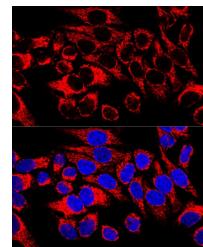
|                    |   |
|--------------------|---|
| <b>Gene ID</b>     | 3329  |
| <b>Gene Symbol</b> | HSPD1   |
| <b>Uniprot ID</b>  | CH60_HUMAN  |
| <b>Immunogen</b>   |   |
| <b>Immunogen</b>   | 27-240  |
| <b>Region</b>      |   |
| <b>Specificity</b> | Recombinant fusion protein containing a sequence corresponding to amino acids 27-240 of human HSP60/HSPD1 (NP_002147.2).                      |
| <b>Immunogen</b>   | AKDVKFGADARALMLQGVDL LADAVAVTMGPKGRTVIIEQ SWGSPKVTKDGVTVAKSIDL KDKYKNIGAKLVQDVANNNT   |
| <b>Sequence</b>    | EEAGDGTATVLAISAKE GFEKISKGANPVEIRRGMVLA VDAVIAELKKQSKPVTTPE EIAQVATISANGDKEIGNII<br>SDAMKKVGRKGVITVKDGKLT LNDELEIIEGMKFDRGYISP YFINTSKGQKCEFQ |



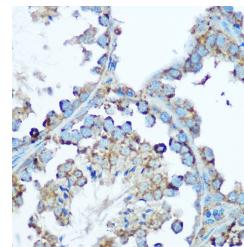
Immunoprecipitation analysis of 200 Mu g extracts of HeLa cells using 1 Mu g HSP60/HSPD1 antibody (STJ24105). Western blot was performed from the immunoprecipitate using HSP60/HSPD1 antibody (STJ24105) at a dilution of 1:1000.



Confocal immunofluorescence analysis of U2OS cells using HSP60/HSPD1 Rabbit polyclonal antibody (STJ24105) at dilution of 1:100. Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of HeLa cells using HSP60/HSPD1 Rabbit polyclonal antibody (STJ24105) at dilution of 1:400. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of HSP60/HSPD1 in paraffin-embedded mouse testis using HSP60/HSPD1 Rabbit polyclonal antibody (STJ24105) at dilution of 1:100. The tissue was pre-treated with 10 mM Tris-EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.