

## Rabbit Heat Shock 70kDa Protein 1A Polyclonal Antibody | anti-HSPA1A antibody

Polyclonal Antibody to Heat Shock 70kDa Protein 1A (HSPA1A)

| CATALOG # | HOST   | REACTIVITY                                                                   | APPLICATIONS                                                   |
|-----------|--------|------------------------------------------------------------------------------|----------------------------------------------------------------|
| AAA20955  | Rabbit | Human, Mouse, Rat, Guinea pig, Dog, Pig, Bovine, Goat, Sheep, Horse, Chicken | Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA |

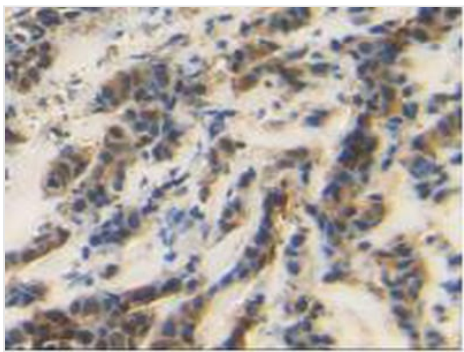
### PRODUCT SYNONYMS

Heat Shock 70kDa Protein 1A; Polyclonal Antibody; Polyclonal Antibody to Heat Shock 70kDa Protein 1A (HSPA1A); anti-HSPA1A antibody

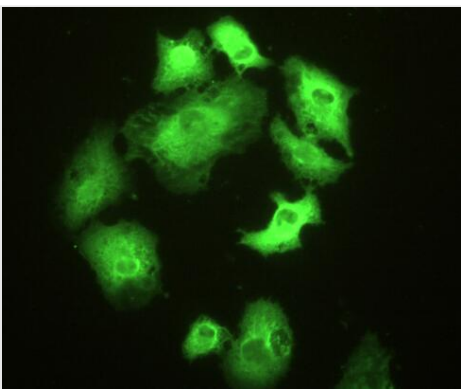
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                               |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                        |
| Reactivity                                       | Human, Mouse, Rat, Guinea pig, Dog, Pig, Bovine, Goat, Sheep, Horse, Chicken                                                                                                                  |
| Clonality                                        | Polyclonal                                                                                                                                                                                    |
| Specificity                                      | The antibody is a rabbit polyclonal antibody raised against HSPA1A. It has been selected for its ability to recognize HSPA1A in immunohistochemical staining and western blotting.            |
| Purity/Purification                              | Affinity Chromatography                                                                                                                                                                       |
| Form/Format                                      | Liquid                                                                                                                                                                                        |
| Concentration                                    | 500ug/mL (varies by lot)                                                                                                                                                                      |
| Sequence Length                                  | 641                                                                                                                                                                                           |
| Applicable Applications for anti-HSPA1A antibody | WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA                                                                                                               |
| Application Notes                                | Western blotting: 0.5-2ug/mL<br>Immunohistochemistry: 5-20ug/mL<br>Immunocytochemistry: 5-20ug/mL<br>Optimal working dilutions must be determined by end user.                                |
| Fragment                                         | HSPA1A (Met1~Asp641)                                                                                                                                                                          |
| Organism Species                                 | Homo sapiens (Human)                                                                                                                                                                          |
| Cross Reactivity                                 | Human                                                                                                                                                                                         |
| Conjugate                                        | No Conjugate                                                                                                                                                                                  |
| Immunogen                                        | Recombinant HSPA1A (Met1~Asp641) expressed in E Coli.                                                                                                                                         |
| Preparation and Storage                          | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |

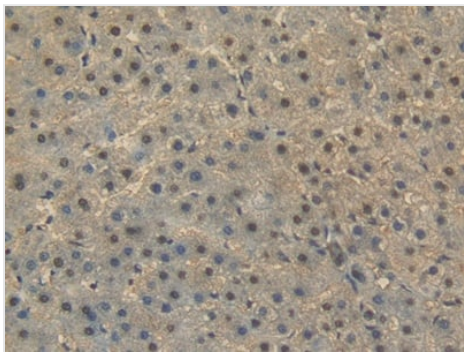
IMAGES



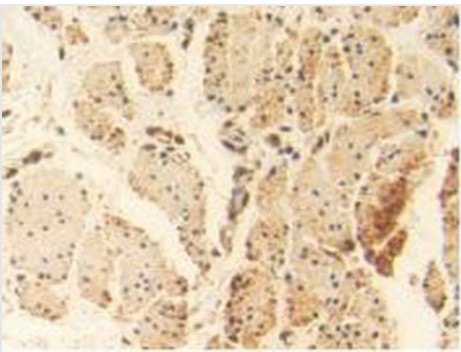
IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Human Brest Cancer Tissue



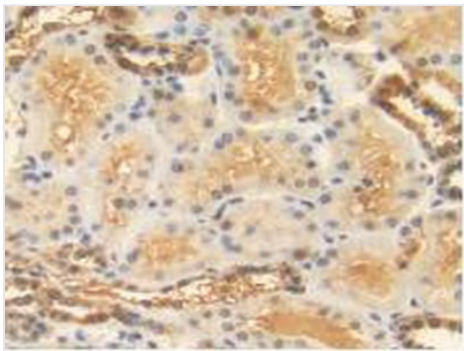
IHC (Immunohistochemistry)  
FITC staining on IHC-P Simple: A549 cells



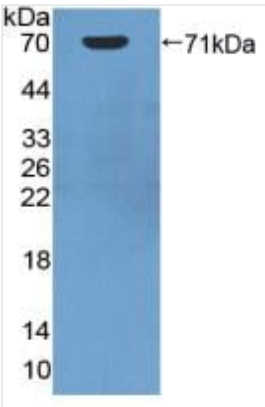
IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Human Liver Tissue



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Human Esophagus Cancer Tissue



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Human Kidney Tissue.



WB (Western Blot)  
Western Blot: Sample: Recombinant HSPA1A, Human.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 147744565                                                      |
| NCBI GeneID                      | 3304                                                           |
| UniProt Accession #              | P08107; P19790; Q5JQI4; Q5SP17; Q9UQL9; Q9UQM0; B4E3B6; P0DMV9 |
| Molecular Weight                 | 70,052 Da                                                      |
| NCBI Official Synonym Full Names | heat shock protein family A (Hsp70) member 1B                  |
| NCBI Official Symbol             | HSPA1B                                                         |
| NCBI Official Synonym Symbols    | HSP70-2; HSP70.2; HSP70-1B                                     |

|                            |                              |
|----------------------------|------------------------------|
| NCBI Protein Information   | heat shock 70 kDa protein 1B |
| UniProt Protein Name       | Heat shock 70 kDa protein 1B |
| UniProt Gene Name          | <b>HSPA1B</b>                |
| UniProt Synonym Gene Names | HSP70.2                      |

**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/heat-shock-70kda-protein-1a-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/20955>