

## Rabbit HLA-A Polyclonal Antibody | anti-HLA-A antibody

Rabbit anti-HLA-A Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA222873 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

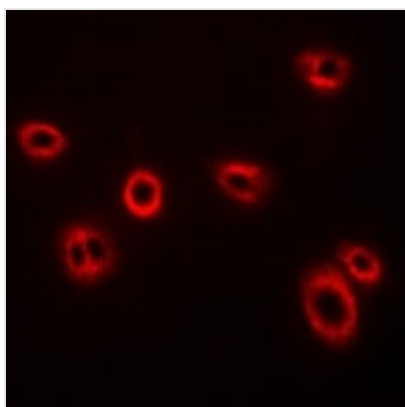
### PRODUCT SYNONYMS

HLA-A; Polyclonal Antibody; Rabbit anti-HLA-A Antibody; HLAA; HLA class I histocompatibility antigen; A-1 alpha chain; MHC class I antigen A\*1; anti-HLA-A antibody

### PRODUCT SPECIFICATIONS

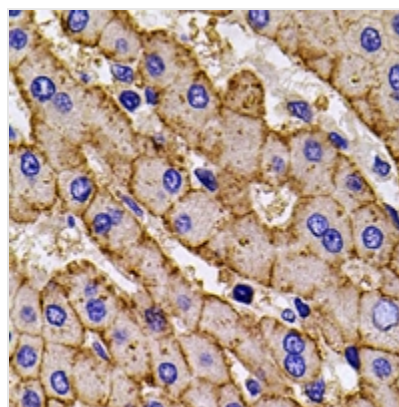
|                                                 |                                                                                                           |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                    |
| Reactivity                                      | Human, Mouse, Rat                                                                                         |
| Clonality                                       | Polyclonal                                                                                                |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                           |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                    |
| Applicable Applications for anti-HLA-A antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                    |
| Immunogen                                       | Recombinant full length protein of human HLA-A                                                            |
| Preparation and Storage                         | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                 |

### IMAGES



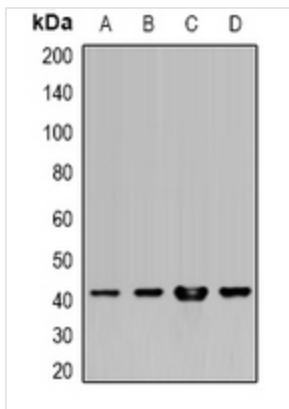
#### IF (Immunofluorescence)

Immunofluorescent analysis of HLA-A staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of HLA-A staining in mouse liver formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of HLA-A expression in Hela (A), SW480 (B), HepG2 (C), mouse liver (D) whole cell lysates.

### ADDITIONAL INFORMATION

Product Categories/Family for anti-HLA-A antibody

Primary antibodies

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 337752170                                                                                                                                                              |
| NCBI GeneID                      | 3105                                                                                                                                                                   |
| NCBI Accession #                 | NP_001229687.1                                                                                                                                                         |
| NCBI GenBank Nucleotide #        | NM_001242758.1                                                                                                                                                         |
| UniProt Accession #              | P30443; O19673; O19695; O19794; O19795; O43907; O77938; O98010; P10315; P79505; Q9MYA5; Q9MYC4; P01891; P01892; P04439; P05534; P10314; P10316; P13746; P16189; P18462 |
| Molecular Weight                 | 41kDa                                                                                                                                                                  |
| NCBI Official Full Name          | HLA class I histocompatibility antigen, A-1 alpha chain                                                                                                                |
| NCBI Official Synonym Full Names | major histocompatibility complex, class I, A                                                                                                                           |
| NCBI Official Symbol             | HLA-A                                                                                                                                                                  |
| NCBI Official Synonym Symbols    | HLAA                                                                                                                                                                   |
| NCBI Protein Information         | HLA class I histocompatibility antigen, A-1 alpha chain; antigen presenting molecule; leukocyte antigen class I-A; MHC class I antigen HLA-A heavy chain               |
| UniProt Protein Name             | HLA class I histocompatibility antigen, A-1 alpha chain                                                                                                                |
| UniProt Gene Name                | <b>HLA-A</b>                                                                                                                                                           |
| UniProt Synonym Gene Names       | HLAA                                                                                                                                                                   |

**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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hla-a-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/222873>