

## Rabbit anti-Human HERC1 Polyclonal Antibody | anti-HERC1 antibody

Rabbit anti-HERC1 Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                      |
|-----------|--------|------------|-----------------------------------|
| AAA211673 | Rabbit | Human      | Immunoprecipitation, Western Blot |

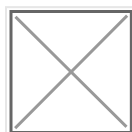
### PRODUCT SYNONYMS

HERC1; Polyclonal Antibody; Rabbit anti-HERC1 Antibody; Affinity Purified; HECT domain and RCC1-like domain-containing protein 1; probable E3 ubiquitin-protein ligase HERC1; p619; p532; HECT-type E3 ubiquitin transferase HERC1; hect (homologous to the E6-AP (UBE3A) carboxyl terminus) domain and RCC1 (CHC1)-like domain (RLD) 1; guanine nucleotide exchange factor p532; MDFPMR; Probable E3 ubiquitin-protein ligase HERC1; HECT and RLD domain containing E3 ubiquitin protein ligase family member 1; anti-HERC1 antibody

### PRODUCT SPECIFICATIONS

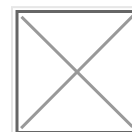
|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                    |
| Reactivity                                      | Human                                                                                     |
| Clonality                                       | Polyclonal                                                                                |
| Purity/Purification                             | Antigen Affinity Purified                                                                 |
| Form/Format                                     | Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| Concentration                                   | 1000ug/ml (varies by lot)                                                                 |
| Applicable Applications for anti-HERC1 antibody | IP (Immunoprecipitation), WB (Western Blot)                                               |
| Immunogen                                       | Between 2400 and 2450                                                                     |
| Conjugation                                     | Unconjugated                                                                              |
| Preparation and Storage                         | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                          |

### IMAGES



#### WB (Western Blot)

Detection of human HERC1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-HERC1 antibody AAA211673 (lot AAA211673-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



#### IP (Immunoprecipitation)

Detection of human HERC1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa, cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-HERC1 antibody AAA211673 (lot AAA211673-2) used for IP at 3 ug per reaction. HERC1 was also immunoprecipitated by rabbit anti-HERC1 antibody For blotting immunoprecipitated HERC1, AAA211673 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HERC1 antibody | HERC1 (HECT domain and RCC1-like domain-containing protein 1) belongs to the HERC family of ubiquitin ligases. It is involved in membrane traffic via its ability to bind clathrin and its guanine nucleotide exchange factor (GEF) activity for Arf and Rab. HERC1 has been found to interact with TSC2 (tuberous sclerosis complex 2) and may be involved with its destabilization. |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                            |
|----------------------------------|----------------------------------------------------------------------------|
| NCBI GI #                        | 126131099                                                                  |
| NCBI GeneID                      | 8925                                                                       |
| NCBI Accession #                 | NP_003913.3                                                                |
| NCBI GenBank Nucleotide #        | NM_003922.3                                                                |
| UniProt Accession #              | Q15751; Q8IW65                                                             |
| Molecular Weight                 | 532,228 Da                                                                 |
| NCBI Official Full Name          | probable E3 ubiquitin-protein ligase HERC1                                 |
| NCBI Official Synonym Full Names | HECT and RLD domain containing E3 ubiquitin protein ligase family member 1 |
| NCBI Official Symbol             | HERC1                                                                      |
| NCBI Official Synonym Symbols    | p532; p619; MDFPMR                                                         |
| NCBI Protein Information         | probable E3 ubiquitin-protein ligase HERC1                                 |
| UniProt Protein Name             | Probable E3 ubiquitin-protein ligase HERC1                                 |
| UniProt Gene Name                | HERC1                                                                      |

**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/herc1-antibody-immunoprecipitation-western-blot-elisa/211673>