

## Rabbit Clathrin/BAM22 Polyclonal Antibody | anti-AP1B1 antibody

Anti-Clathrin/BAM22 Antibody, Rabbit Polyclonal

| CATALOG # | HOST   | REACTIVITY                                                                                            | APPLICATIONS                      |
|-----------|--------|-------------------------------------------------------------------------------------------------------|-----------------------------------|
| AAA254714 | Rabbit | HumanPredicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology) | Immunoprecipitation, Western Blot |

### PRODUCT SYNONYMS

Clathrin/BAM22; Polyclonal Antibody; Anti-Clathrin/BAM22 Antibody; Rabbit Polyclonal; BAM22/AP1B1 Antibody; Rabbit PAb; Antigen Affinity Purified; adaptor related protein complex 1 beta 1 subunit; Anti-ADTB1 Antibody; Anti-AP105A Antibody; Anti-BAM22 Antibody; Anti-CLAPB2 Antibody; anti-AP1B1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                       |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                |
| Reactivity                                      | Human<br>Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)                                                                                                                                                             |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                            |
| Isotype                                         | Rabbit IgG                                                                                                                                                                                                                                                            |
| Specificity                                     | Human Clathrin/BAM22                                                                                                                                                                                                                                                  |
| Purity/Purification                             | Protein A & Antigen Affinity                                                                                                                                                                                                                                          |
| Form/Format                                     | Liquid; 0.2um filtered solution in PBS                                                                                                                                                                                                                                |
| Applicable Applications for anti-AP1B1 antibody | IP (Immunoprecipitation), WB (Western Blot)                                                                                                                                                                                                                           |
| Immunogen                                       | A synthetic peptide corresponding to the N-terminus of the Human BAM22/AP1B1                                                                                                                                                                                          |
| Conjugation                                     | Unconjugated                                                                                                                                                                                                                                                          |
| Preparation                                     | Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human BAM22/AP1B1, and purified by antigen affinity chromatography.                                                                                                     |
| Preparation and Storage                         | This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. |

### IMAGES



#### IP (Immunoprecipitation)

AP1B1 was immunoprecipitated using: Lane A: 0.5 mg NIH-3T3 Whole Cell Lysate; Lane B: 0.5 mg K562 Whole Cell Lysate; Lane C: 0.5 mg HeLa Whole Cell Lysate. 1 uL anti-AP1B1 rabbit polyclonal antibody and 15 uL of 50 % Protein G agarose. Primary antibody: Anti-AP1B1 rabbit polyclonal antibody, at 1:500 dilution. Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 105 kDa. Observed band size: 112 kDa.



#### WB (Western Blot)

Anti-AP1B1 rabbit polyclonal antibody at 1:500 dilution. Lane A: NIH3T3 Whole Cell Lysate; Lysates/proteins at 10 ug per lane. Secondary: Goat Anti-Rabbit IgG H&L (DyLight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 105 kDa. Observed band size: 105 kDa.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 260436862                                                                                                                                                                                                                                                       |
| NCBI GeneID                      | 162                                                                                                                                                                                                                                                             |
| NCBI Accession #                 | NP_001118                                                                                                                                                                                                                                                       |
| NCBI GenBank Nucleotide #        | NM_001127                                                                                                                                                                                                                                                       |
| UniProt Accession #              | Q10567; P78436; Q20WL3; Q86X54; C9JRD1; F8WDL0                                                                                                                                                                                                                  |
| Molecular Weight                 | 101,348 Da                                                                                                                                                                                                                                                      |
| NCBI Official Full Name          | AP-1 complex subunit beta-1 isoform a                                                                                                                                                                                                                           |
| NCBI Official Synonym Full Names | adaptor-related protein complex 1, beta 1 subunit                                                                                                                                                                                                               |
| NCBI Official Symbol             | AP1B1                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | ADTB1; BAM22; AP105A; CLAPB2                                                                                                                                                                                                                                    |
| NCBI Protein Information         | AP-1 complex subunit beta-1; Golgi adaptor HA1/AP1 adaptin beta subunit; adapter-related protein complex 1 subunit beta-1; adaptor protein complex AP-1 subunit beta-1; adaptor-related protein complex 1 subunit beta-1; beta-1-adaptin; beta-adaptin 1; beta- |
| UniProt Protein Name             | AP-1 complex subunit beta-1                                                                                                                                                                                                                                     |
| UniProt Gene Name                | AP1B1                                                                                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | ADTB1; BAM22; CLAPB2                                                                                                                                                                                                                                            |
| UniProt Entry Name               | AP1B1_HUMAN                                                                                                                                                                                                                                                     |

**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/clathrin-bam22-antibody-immunoprecipitation-western-blot-elisa/254714>