

## Rabbit anti-Human BLVRB/Biliverdin reductase B Polyclonal Antibody | anti-BLVRB antibody

Rabbit anti-BLVRB/Biliverdin reductase B Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                      |
|-----------|--------|------------|-----------------------------------|
| AAA213330 | Rabbit | Human      | Immunoprecipitation, Western Blot |

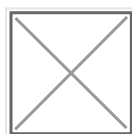
### PRODUCT SYNONYMS

BLVRB/Biliverdin reductase B; Polyclonal Antibody; Rabbit anti-BLVRB/Biliverdin reductase B Antibody; Affinity Purified; flavin reductase (NADPH); SDR43U1; NADPH-flavin reductase; NADPH-dependent diaphorase; NADPH; HEL-S-10; short chain dehydrogenase/reductase family 43U; member 1; green heme-binding protein; FLR; epididymis secretory protein Li 10; BVR-B; BVRB; biliverdin-IX beta-reductase; Biliverdin reductase B; GHBP; FR; Flavin reductase; biliverdin reductase B; anti-BLVRB antibody

### PRODUCT SPECIFICATIONS

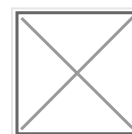
|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                            | 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-BLVRB antibody | IP (Immunoprecipitation), WB (Western Blot)                                               |
| Immunogen                                       | Between 1 and 50                                                                          |
| 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 BLVRB by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-BLVRB antibody AAA213330 (lot AAA213330-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



#### IP (Immunoprecipitation)

Detection of human BLVRB by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-BLVRB antibody AAA213330 (lot AAA213330-1) used for IP at 6 ug per reaction. BLVRB was also immunoprecipitated by rabbit anti-BLVRB antibody For blotting immunoprecipitated BLVRB, AAA213330 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                             |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-BLVRB antibody | The final step in heme metabolism in mammals is catalyzed by the cytosolic biliverdin reductase enzymes A and B (EC 1.3.1.24) [taken from NCBI Entrez Gene (Gene ID: 645)]. |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4502419                                                                                                                                                                                                                                                         |
| NCBI GeneID                      | 645                                                                                                                                                                                                                                                             |
| NCBI Accession #                 | NP_000704.1                                                                                                                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_000713.2                                                                                                                                                                                                                                                     |
| UniProt Accession #              | P30043; P32078; P53005; Q32LZ2; A6NKD8; B2R5C6                                                                                                                                                                                                                  |
| Molecular Weight                 | 22,119 Da                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | flavin reductase (NADPH)                                                                                                                                                                                                                                        |
| NCBI Official Synonym Full Names | biliverdin reductase B                                                                                                                                                                                                                                          |
| NCBI Official Symbol             | BLVRB                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | FLR; BVRB; SDR43U1; HEL-S-10                                                                                                                                                                                                                                    |
| NCBI Protein Information         | flavin reductase (NADPH); flavin reductase (NADPH); BVR-B; FR; GHBP; NADPH-dependent diaphorase; NADPH-flavin reductase; biliverdin reductase B (flavin reductase (NADPH)); biliverdin-IX beta-reductase; epididymis secretory protein Li 10; green heme-bindin |
| UniProt Protein Name             | Flavin reductase (NADPH)                                                                                                                                                                                                                                        |
| UniProt Gene Name                | <b>BLVRB</b>                                                                                                                                                                                                                                                    |
| UniProt Synonym Gene Names       | FLR; FR; BVR-B; GHBP; FLR                                                                                                                                                                                                                                       |
| UniProt Entry Name               | BLVRB_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/blvr-biliverdin-reductase-b-antibody-immunoprecipitation-western-blot-elisa/213330>