

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
AAA213331	Rabbit	Human	Immunoprecipitation, Western Blot

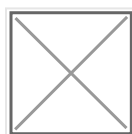
PRODUCT SYNONYMS

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

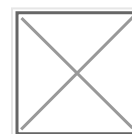
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-BLVRB antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 156 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C 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 AAA213331 (lot AAA213331-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 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 AAA213331 (lot AAA213331-1) used for IP at 6 ug per reaction. BLVRB was also immunoprecipitated by rabbit anti-BLVRB antibody For blotting immunoprecipitated BLVRB, AAA213331 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 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)].
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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	BLVRB
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/blvr-biliverdin-reductase-b-antibody-immunoprecipitation-western-blot-elisa/213331>