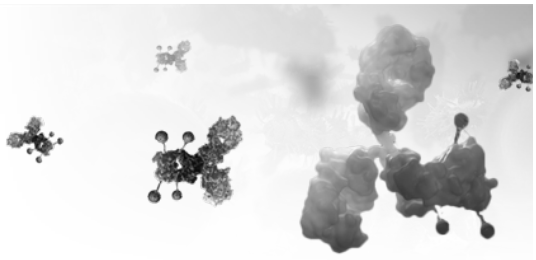

Rabbit Anti-Human BLVRB Polyclonal Antibody (CABT-L2245)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Biliverdin Reductase B (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against BLVRB. It has been selected for its ability to recognize BLVRB in immunohistochemical staining and western blotting.
Target	BLVRB
Immunogen	Recombinant fragment corresponding to human BLVRB (Ala2~Gln206)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	The final step in heme metabolism in mammals is catalyzed by the cytosolic biliverdin reductase enzymes A and B (EC 1.3.1.24).[supplied by OMIM, Jul 2009]
Keywords	FLR;SDR43U1;Flavin Reductase,NADPH;Short Chain Dehydrogenase/Reductase Family 43U,Member 1;Biliverdin-IX beta-reductase;Green heme-binding protein

GENE INFORMATION

Gene Name	BLVRB biliverdin reductase B [Homo sapiens (human)]
Official Symbol	BLVRB
Synonyms	BLVRB; biliverdin reductase B; FLR; BVRB; SDR43U1; HEL-S-10; flavin reductase (NADPH); FR; GHBP; BVR-B; NADPH-flavin reductase; NADPH-dependent diaphorase; green heme-binding protein; biliverdin-IX beta-reductase; epididymis secretory protein Li 10; biliverdin reductase B (flavin reductase (NADPH)); short chain dehydrogenase/reductase family 43U, member 1;
Entrez Gene ID	645
Protein Refseq	NP_000704
UniProt ID	P30043
Chromosome Location	19q13.1-q13.2
Pathway	Heme degradation; Metabolism; Metabolism of porphyrins; Porphyrin and chlorophyll metabolism; Riboflavin metabolism; heme degradation;
Function	biliverdin reductase activity; riboflavin reductase (NADPH) activity;

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