BLVRA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	BLVRA, Polyclonal Antibody
Full Product Name	BLVRA (Biliverdin Reductase A, BVR A, Biliverdin-IX alpha-reductase, BLVR, BVR) (MaxLight 490)
Product Gene Name	anti-BLVRA antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human BLVRA.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Molecular Weight	33,428 Da
OMIM	gene 614156
3D Structure	ModBase 3D Structure for P53004
Immunogen	Full length human BLVRA, aa1-296 (NP_000703.2).
Immunogen Sequence	MNAEPERKFGVVVVGVGRAGSVRMRDLRNPHPSSAFLNLIGFVSRRELGSIDGVQQISLEDALSSQEVEVAYICSESSSHEDYIRQFLNAGKHVLVEYPM
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-BLVRA antibody	Antibodies; Enzymes
Applications Tested/Suitable for anti-BLVRA antibody	Western Blot (WB)
Application Notes for anti-BLVRA antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-BLVRA antibody	BLVRA, also known as biliverdin reductase A, belongs to the gfo/idh/mocA family. This protein is an enzyme that converts biliverdin to bilirubin, convert

Other Notes	Small volumes of anti-BLVRA antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces
Searchable Terms for BLVRA purchase	MBS6371305 is an antibody targeting BLVRA. Also known as BLVRA (Biliverdin Reductase A, BVR A, Biliverdin-IX alpha-reductase, BLVR, BVR) (Ma

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BLVRA. It may not necessarily be applicable to this product.

NCBI GI #	33589854
NCBI GeneID	644
NCBI Accession #	NP_000703.2
UniProt Primary Accession #	P53004
UniProt Secondary Accession #	O95019; Q86UX0; Q96QL4; Q9BRW8; A8K747
UniProt Related Accession #	P53004
GenBank Nucleotide #	NM_000712.3
NCBI Official Full Name	biliverdin reductase A
NCBI Official Synonym Full Names	biliverdin reductase A
NCBI Official Symbol	BLVRA
NCBI Official Synonym Symbols	BVR; BLVR; BVRA
UniProt Protein Name	Biliverdin reductase A
UniProt Synonym Protein Names	Biliverdin-IX alpha-reductase
Protein Family	Biliverdin reductase
UniProt Gene Name	BLVRA
UniProt Synonym Gene Names	BLVR; BVR; BVR A
UniProt Entry Name	BIEA_HUMAN
NCBI Protein Information	biliverdin reductase A; BVR A; biliverdin-IX alpha-reductase
NCBI Summary for BLVRA	The protein encoded by this gene belongs to the biliverdin reductase family, members of which catalyze the conversion of biliverdin to bilirubin in the presence of NADPH or NADH. Mutations in this gene are associated with hyperbiliverdinemia. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2011]
UniProt Comments for BLVRA	BVR: Reduces the gamma-methene bridge of the open tetrapyrrole, biliverdin IX alpha, to bilirubin with the concomitant oxidation of a NADH or NADPH cofactor. Monomer. Liver. Belongs to the Gfo/Idh/MocA family. Biliverdin reductase subfamily. Protein type: Oxidoreductase; Protein kinase, Ser/Thr (non-receptor); Kinase, protein; Cofactor and Vitamin Metabolism - porphyrin and chlorophyll; EC 1.3.1.24; ATYPICAL group; BLVRA family Chromosomal Location of Human Ortholog: 7p13 Cellular Component: cytosol Molecular Function: zinc ion binding; biliverdin reductase activity Biological Process: heme catabolic process; porphyrin metabolic process Disease: Hyperbiliverdinemia

Research Articles on BLVRA	**1.** Interactions of HO-2 with CPR and BVR, were evaluated.
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