

BLVRA Antibody (Center Y83)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20430c

Product Information

Application	WB, E
Primary Accession	P53004
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB43640
Calculated MW	33428
Antigen Region	61-89

Additional Information

Gene ID	644
Other Names	Biliverdin reductase A, BVR A, Biliverdin-IX alpha-reductase, BLVRA, BLVR, BVR
Target/Specificity	This BLVRA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 61-89 amino acids from the Central region of human BLVRA.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	BLVRA Antibody (Center Y83) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	BLVRA (HGNC:1062)
Function	Reduces the gamma-methene bridge of the open tetrapyrrole, biliverdin IXalpha, to bilirubin with the concomitant oxidation of a NADH or NADPH cofactor (PubMed: 10858451 , PubMed: 7929092 , PubMed: 8424666 , PubMed: 8631357). Does not reduce bilirubin IXbeta (PubMed: 10858451). Uses the reactants NADH or NADPH depending on the pH; NADH is used at

the acidic pH range (6-6.9) and NADPH at the alkaline range (8.5-8.7) (PubMed:[7929092](#), PubMed:[8424666](#), PubMed:[8631357](#)). NADPH, however, is the probable reactant in biological systems (PubMed:[7929092](#)).

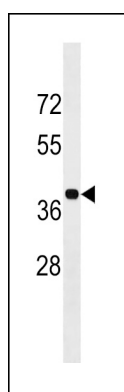
Cellular Location Cytoplasm, cytosol

Tissue Location Liver.

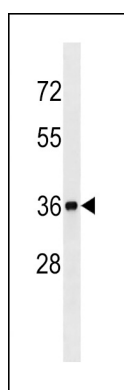
Background

Reduces the gamma-methene bridge of the open tetrapyrrole, biliverdin IX alpha, to bilirubin with the concomitant oxidation of a NADH or NADPH cofactor.

Images



BLVRA Antibody (Center Y83) (Cat. #AP20430c) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the BLVRA antibody detected the BLVRA protein (arrow).



BLVRA Antibody (Center Y83) (Cat. #AP20430c) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the BLVRA antibody detected the BLVRA protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.