

BLVRA Antibody (Center Y83)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20430c**Specification**

BLVRA Antibody (Center Y83) - Product Information

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

BLVRA Antibody (Center Y83) - 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.

BLVRA Antibody (Center Y83) - 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

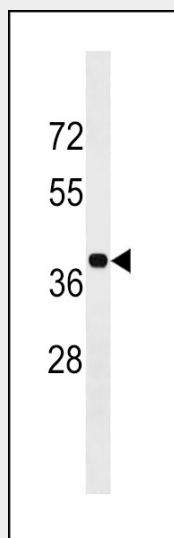
Tissue Location

Liver.

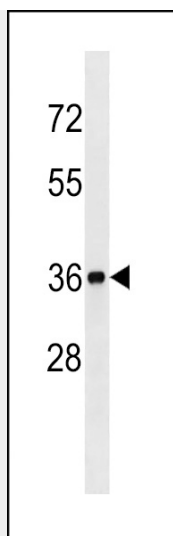
BLVRA Antibody (Center Y83) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BLVRA Antibody (Center Y83) - 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).

BLVRA Antibody (Center Y83) - 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.