

AB-NN220-1

BVR Antibody

Pan-specific polyclonal antibody for monitoring the expression of rat BVR



KINEXUS

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Target Protein

Name Long:	Biliverdin reductase A
Alias:	Biliverdin Reductase, Biliverdin IX alpha reductase, Biliverdin reductase A, Biliverdin-IX alpha-reductase, BLVR A, BLVR, Blvra, BVR A, BVRA, Zinc metalloprotein, zinc-metalloprotein
UniProt ID:	P46844 - Rat
Human Predicted Mass (KDa):	33.428 (296 AA; A0A140VJF4-1)
Observed SDS-PAGE Mass (KDa):	36

Immunogen

Antibody Immunogen Source:	Rat native full-length BVR purified from liver tissue
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	Mix
Antibody Purification:	Protein A purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 50% glycerol, 0.09% azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC IP
Antibody Dilution Recommended:	WB (1:500), IHC (1:1000), IP (1:100); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat
Antibody Positive Control:	2 µg/ml of SPC-213 was sufficient for detection of BVR in 20 µg of mixed human cell line lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	In mouse brain lysates, this antibody detects a ~36 kDa protein.
Antibody Specificity:	High
Antibody Cross Reactivities:	One very prominent 33 KDa cross-reactive protein in mouse brain lysates.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987