

AB-NN236-1

Cytochrome P450 Reductase Antibody

Pan-specific polyclonal antibody for monitoring the expression of rat Cytochrome P450 Reductase



KINEXUS

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Target Protein

Name Long:	NADPH--cytochrome P450 reductase
Alias:	Cytochrome C Reductase, CCR, CPR, P450R, CYPOR, DKFZp686G04235, FLJ26468, NADPH Cytochrome, P450 Reductase, NADPH dependent cytochrome P450 reductase, NADPH-cytochrome P450 reductase, P450 (cytochrome) oxidoreductase, P450 Cytochrome Oxidoreductase, P450R, POR
UniProt ID:	P00388 - Rat
Human Predicted Mass (KDa):	77.018 (680 AA; Q63HL4-1)
Observed SDS-PAGE Mass (KDa):	77

Immunogen

Antibody Immunogen Source:	Rat native full-length Cytochrome P450 Reductase purified from liver tissue
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	75 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 ICC/IF
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat
Antibody Positive Control:	1 µg/ml of SPC-210 was sufficient for detection of Cytochrome P450 in 10 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~77 kDa protein.

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