

Anti-Human/Mouse/Rat RNLS Polyclonal Antibody
Polyclonal Antibody

Cat.NO.: PA10841

3th Edition

Description: Renalase is a flavin adenine dinucleotide-dependent amine oxidase that is secreted into the blood from the kidney. Catalyzes the oxidation of the less abundant alpha-NAD(P)H isoform to form beta-NAD(P)⁺. The enzyme hormone is secreted by the kidney, and circulates in blood and modulates cardiac function and systemic blood pressure. Lowers blood pressure in vivo by decreasing cardiac contractility and heart rate and preventing a compensatory increase in peripheral vascular tone, suggesting a causal link to the increased plasma catecholamine and heightened cardiovascular risk.

Antigen: Synthetic peptide of human RNLS

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Secreted into the blood by the kidney. Highly expressed in the kidney, expressed at lower level in heart, skeletal muscle and small intestine. Its plasma concentration is markedly reduced in patients with end-stage renal disease, as compared with healthy subjects.