

Product datasheet for **AP00945PU-N**

Renin (REN) Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA: 1/50000. Western blot: 1/5,000. Immunohistochemistry: 1/1,000.
Reactivity:	Mouse, Rat
Host:	Sheep
Clonality:	Polyclonal
Immunogen:	Recombinant Rat Prorenin
Specificity:	This antibody reacts with Rat and Mouse Renin. Other species not tested.
Formulation:	0.05M Sodium Phosphate, 0.1M Sodium Chloride, 1mM EDTA, pH 6.6 State: Purified State: Liquid purified Ig fraction Preservative: None
Concentration:	lot specific
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store (in aliquots) at -20°C to -80°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	renin
Database Link:	P00797
Background:	Renin is a highly specific endopeptidase, whose only known function is to generate angiotensin I from angiotensinogen in the plasma, initiating a cascade of reactions that produce an elevation of blood pressure and increased sodium retention by the kidney. Renin also occurs in other organs than the kidney, e.g., in the brain, where it is implicated in the regulation of numerous activities.



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Synonyms: REN, Angiotensinogenase, angiotensin-forming enzyme, HNFJ2