

## Product datasheet for **AP02172SU-S**

### ANP (NPPA) (31-67) Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, R
Recommended Dilution:	<b>RIA</b> (1/2000). <b>ELISA</b> (Ref.1).
Reactivity:	Human
Host:	Sheep
Clonality:	Polyclonal
Immunogen:	Synthetic Human pro-ANP (aa 31-67) Thyroglobulin-coupled
Specificity:	This antibody detects Human proANP (aa 31-67). There were no cross reactivities obtained with Human proANP (aa 1-30, 79-98), or Human ANP (aa 1-28), or Human proBNP (aa 1-76).
Formulation:	State: Serum State: Lyophilized Serum
Reconstitution Method:	Restore in aqua bidest to initial volume.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C and reconstituted at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	natriuretic peptide A
Database Link:	<a href="#">Entrez Gene 4878 Human P01160</a>
Background:	Atrial natriuretic factor (ANP) is a potent vasoactive substance which is thought to play a key role in cardiovascular homeostasis and has a cGMP stimulating activity. There are two different prepronatriodilatin alleles. One codes for 2 Arginine residues at the C terminus that are cleaved to form the mature peptide, while the other ends in a termination codon immediately after the last codon of the mature peptide. ANP belongs to the natriuretic peptide family.
Synonyms:	Atrial Natriuretic Peptide, Prepronatriodilatin, NPPA, ANP, PND



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