

ANPRA Rabbit pAb

CatalogNo: YN1858

Orthogonal Validated 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 116kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000**ELISA 1:5000-20000**

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from part region of human protein

Specificity

ANPRA Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

NPR1 ANPRA

Protein Name	Atrial natriuretic peptide receptor 1 (Atrial natriuretic peptide receptor type A) (ANP-A) (ANPR-A) (NPR-A) (Guanylate cyclase A) (GC-A)		
	Organism	Gene ID	UniProt ID
	Human	4881 ;	P16066 ;
	Mouse		P18293 ;
	Rat		P18910 ;
Cellular Localization	Membrane; Single-pass type I membrane protein.		
Tissue specificity	Blood,Kidney,Placenta,Retina,		
Function	Catalytic activity:GTP = 3',5'-cyclic GMP + diphosphate.,Function:Receptor for atrial natriuretic peptide. Has guanylate cyclase activity on binding of ANF.,miscellaneous:There seem to be at least three natriuretic peptide hormone receptors: two with guanylate cyclase activity (NPR1/ANP-A and NPR2/ANP-B) and one (NPR3/ANP-C) which is probably responsible for the clearance of natriuretic peptides from the circulation without a role in signal transduction.,PTM:Phosphorylation of the protein kinase-like domain is required for full activation by ANP.,similarity:Belongs to the adenylyl cyclase class-4/guanylyl cyclase family.,similarity:Contains 1 guanylate cyclase domain.,similarity:Contains 1 protein kinase domain.,		

| Validation Data

| Contact information

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