### bs-0995R

## [ Primary Antibody ]

# BIOSS ANTIBODIES

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# PAMP/ADM Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**GenelD:** 133 **SWISS:** P35318

Target: PAMP/ADM

**Immunogen:** KLH conjugated synthetic peptide derived from human ADM:

1-100/185.

**Purification:** affinity purified by Protein A

Concentration: 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

**Background:** Adrenomedullin, a hypotensive peptide found in human

pheochromocytoma, consists of 52 amino acids, has 1 intramolecular disulfide bond, and shows a slight homology with the calcitonin gene-related peptide. It may function as a hormone in circulation control because it is found in blood in a considerable concentration. The precursor, called preproadrenomedullin, is 185 amino acids long. By RNA-blot analysis, human adrenomedullin mRNA was found to be highly expressed in several tissues. Genomic ADM DNA consists of4 exons and 3 introns, with the 5-prime flanking region containing TATA, CAAT, and GC boxes. There are also multiple binding sites for activator protein-2 and a cAMP-

regulated enhancer element.

**Applications: IHC-P** (1:100-500)

IHC-F (1:100-500) IF (1:100-500)

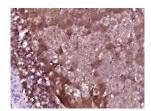
Reactivity: Rat (predicted: Human,

Mouse, Pig, Cow, Dog)

Predicted MW.: 20 kDa

Subcellular Location: Secreted

#### VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (rat adrenal gland tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PAMP) Polyclonal Antibody, Unconjugated (bs-0995R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.