



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB11166-B - Goat Anti-Atrial natriuretic factor, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** NPPA, natriuretic peptide A, ANF, ANP, ATFB6, ATRST2, CDD, CDD-ANF, CDP, PND, atriopeptin, cardiodilatin-related peptide, cardionatrin, natriuretic peptide precursor A variant 1, prepronatriodilatin

**Official Symbol:** NPPA

**Accession Number(s):** NP\_006163.1

**Human GeneID(s):** [4878](#)

**Non-Human GeneID(s):** 230899 (mouse), 24602 (rat)

### Immunogen

Peptide with sequence RIGAQSGGLGCNSFR., from the C Terminus of the protein sequence according to NP\_006163.1.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

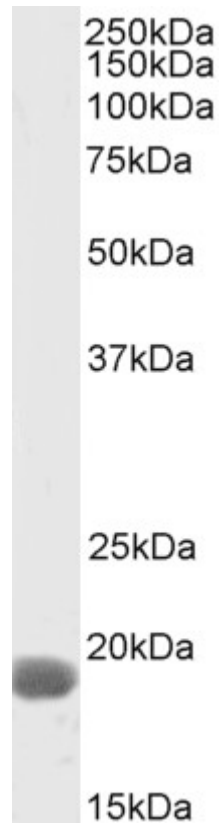
**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Approx 19kDa band observed in Mouse Heart lysates (calculated MW of 16.4kDa according to NP\_006163.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human, Mouse, Rat

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



Biotinylated EB11166 (2 $\mu$ g/ml) staining of Mouse Heart lysate (35 $\mu$ g protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.