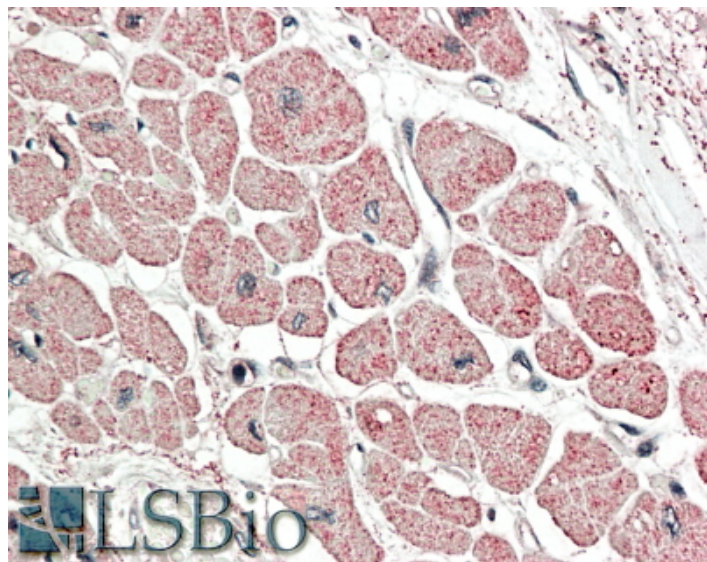


GOAT ANTI-ATRIAL NATRIURETIC FACTOR ANTIBODY

SKU: EB11166



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	NPPA prepronatriodilatin PND natriuretic peptide precursor A natriuretic peptide A CDD-ANF cardionatrin atriopeptin atrial natriuretic factor ATFB6 ANP ANF
Accession ID	NP_006163.1
Blocking Peptide	EBP11166
Immunogen	Peptide with sequence RIGAQSGLGCSFR, from the C Terminus of the protein sequence according to NP_006163.1.
Product Comments	The immunizing peptide represents aa137-150 of the precursor NPPA.
Peptide Sequence	RIGAQSGLGCSFR
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Pig, Cow
Reactive Species	Human, Mouse, Rat
Human Gene ID	4878
Mouse Gene ID	230899
Rat Gene ID	24602
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	In paraffin embedded Human Heart shows vesicular staining inside the cardiac fibrils, accumulating towards the cell membrane. Recommended concentration, 5-10µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:32000.
Western Blot	Approx 19kDa band observed in Mouse and Rat Heart lysates (calculated MW of 16.4kDa according to Human precursor NP_006163.1 and 16.6kDa according to Mouse precursor NP_032751.1). Recommended concentration: 0.01-0.03µg/ml.
Application Type	Pep-ELISA, WB, IHC

SELECTED REFERENCES

[{"pmid": 32112822, "intro": "**This antibody has been successfully used in Western blot on Mouse:**", "title": "Low-density lipoprotein receptor-related protein 1 deficiency in cardiomyocytes reduces susceptibility to insulin resistance and obesity", "author": "Benitez-Amaro A, Revuelta-López E, Bornachea O, Cedó L, Veà À, Herrero L, Roglans N, Soler-Botija C, de Gonzalo-Calvo D, Nasarre L, Camino-López S, García E, Mato E, Blanco-Vaca F, Bayes-Genis A, Sebastian D, Laguna JC, Serra D, Zorzano A, Escola-Gil JC, Llorente-Cortes V", "journal": "Metabolism. 2020 Feb 26;106:154191."}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

