BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Mouse Npr1 Antibody (N-term)

Catalog Number: A01042-2

About Npr1

Receptor for the atrial natriuretic peptide NPPA/ANP and the brain natriuretic peptide NPPB/BNP which are potent vasoactive hormones playing a key role in cardiovascular homeostasis. Has guanylate cyclase activity upon binding of the ligand.

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Overview

Product Name	Anti-Mouse Npr1 Antibody (N-term)
Reactive Species	Mouse
Description	Boster Bio Anti-Mouse Npr1 Antibody (N-term) (Catalog # A01042-2). Tested in WB, IHC-P application(s). This antibody reacts with Mouse.
Application	IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P18293

Technical Details

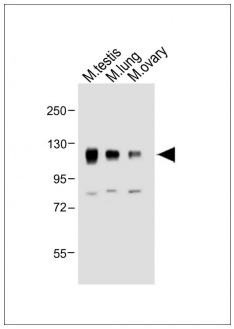
Immunogen	This Mouse Npr1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 198-226 amino acids of mouse Npr1.
Predicted Reactive Species	Mouse, Rat
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross reactivity with other proteins.

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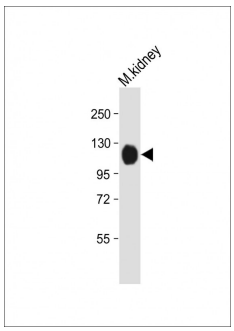
Isotype	Rabbit IgG
Form	Liquid
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:2000 IHC-P: 1:10-1:50

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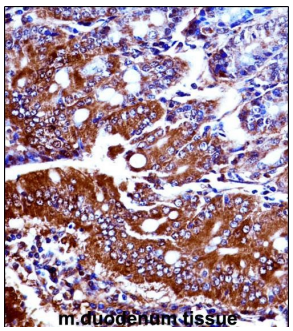
Anti-Mouse Npr1 Antibody (N-term) (A01042-2) Images



All lanes : Anti-Mouse Npr1 Antibody (N-term) at 1:2000 dilutionLane 1: Mouse testis whole tissue lysateLane 2: Mouse lung whole tissue lysateLane 3: Mouse ovary whole tissue lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 119 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



Anti-Mouse Npr1 Antibody (N-term) at 1:2000 dilution + Mouse kidney whole tissue lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 119 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



Mouse Npr1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse duodenum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of Mouse Npr1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Anti-Mouse Npr1 Antibody (N-term)

For Research Use Only. Not for use in diagnostic procedures.