

Rabbit anti-Mouse Npr1 Polyclonal Antibody | anti-Npr1 antibody

Mouse Npr1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290320	Rabbit	Mouse	Immunohistochemistry, ELISA, Western Blot

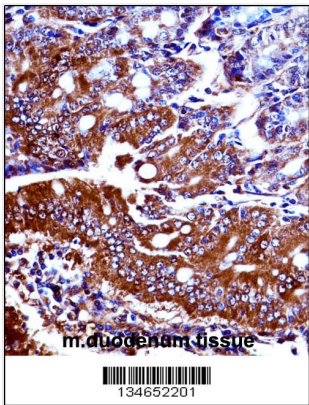
PRODUCT SYNONYMS

Npr1; Polyclonal Antibody; Mouse Npr1 Antibody (N-term); Atrial natriuretic peptide receptor 1; Atrial natriuretic peptide receptor type A; ANP-A; ANPR-A; NPR-A; Guanylate cyclase A; GC-A; Npra; anti-Npr1 antibody

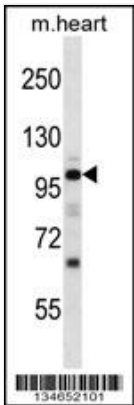
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Npr1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 198-226 amino acids from the N-terminal region of mouse Npr1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	198-226
Sequence Length	1,057
Applicable Applications for anti-Npr1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Mouse Npr1 Antibody (N-term) (AAA290320) 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.



WB (Western Blot)
Mouse Npr1 Antibody (N-term) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the Npr1 antibody detected the Npr1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Npr1 antibody	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.
Product Categories/Family for anti-Npr1 antibody	Cardiovascular; Signal Transduction
References	Madhani, M., et al. Am. J. Physiol. Heart Circ. Physiol. 299 (3), H827-H836 (2010) : Panayiotou, C.M., et al. Br. J. Pharmacol. 160(8):2045-2054(2010) Ropero, A.B., et al. Endocrinology 151(8):3665-3674(2010) Tankersley, C.G., et al. Inhal Toxicol 22(8):695-707(2010) Long, L., et al. Neuro Endocrinol. Lett. 31(1):126-130(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	113930718
NCBI GeneID	18160
NCBI Accession #	NP_032753.5
NCBI GenBank Nucleotide #	NM_008727.5
UniProt Accession #	P18293
Molecular Weight	119109
NCBI Official Full Name	atrial natriuretic peptide receptor 1
NCBI Official Synonym Full Names	natriuretic peptide receptor 1
NCBI Official Symbol	Npr1
NCBI Official Synonym Symbols	GC-A; NPRA; Pndr; NPR-A; AI893888
NCBI Protein Information	atrial natriuretic peptide receptor 1
UniProt Protein Name	Atrial natriuretic peptide receptor 1
UniProt Gene Name	Npr1
UniProt Synonym Gene Names	Npra; ANP-A; ANPR-A; NPR-A; GC-A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/npr1-antibody-immunohistochemistry-western-blot-elisa/290320>