

Mouse Npr1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP14073a**Specification**

Mouse Npr1 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [P18293](#)**Mouse Npr1 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 18160**Other Names**

Atrial natriuretic peptide receptor 1, Atrial natriuretic peptide receptor type A, ANP-A, ANPR-A, NPR-A, Guanylate cyclase A, GC-A, Npr1, Npra

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP14073a was selected from the N-term region of Mouse Npr1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Mouse Npr1 Antibody (N-term) Blocking peptide - Protein Information**Name** Npr1**Synonyms** Npra**Function**

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.

Cellular Location

Membrane; Single-pass type I membrane protein.

Mouse Npr1 Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

Mouse Npr1 Antibody (N-term) Blocking peptide - Images

Mouse Npr1 Antibody (N-term) Blocking peptide - Background

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Mouse Npr1 Antibody (N-term) Blocking peptide - 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)Roper, 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)