

Anti-NPRC Rabbit Monoclonal Antibody
Catalog # ABO14635**Specification**

Anti-NPRC Rabbit Monoclonal Antibody - Product Information

Application	WB, FC
Primary Accession	P17342
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-NPRC Rabbit Monoclonal Antibody . Tested in WB, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Anti-NPRC Rabbit Monoclonal Antibody - Additional Information

Gene ID 4883

Other Names

Atrial natriuretic peptide receptor 3, Atrial natriuretic peptide clearance receptor, Atrial natriuretic peptide receptor type C, ANP-C, ANPR-C, NPR-C, NPR3, ANPRC, C5orf23, NPRC

Application Details

WB 1:500-1:2000
FC 1:100

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Natriuretic Peptide Receptor C

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-NPRC Rabbit Monoclonal Antibody - Protein Information

Name NPR3

Synonyms ANPRC, C5orf23, NPRC

Function

Receptor for the natriuretic peptide hormones, binding with similar affinities atrial natriuretic peptide NPPA/ANP, brain natriuretic peptide NPPB/BNP, and C-type natriuretic peptide NPPC/CNP. May function as a clearance receptor for NPPA, NPPB and NPPC, regulating their local concentrations and effects. Acts as a regulator of osteoblast differentiation and bone growth by binding to its ligand osteocrin, thereby preventing binding between NPR3/NPR-C and natriuretic peptides, leading to increase cGMP production (By similarity).

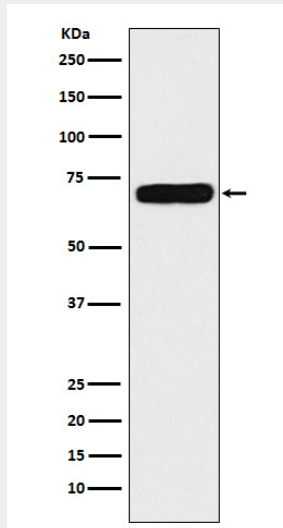
Cellular Location

Cell membrane; Single-pass type I membrane protein

Anti-NPRC Rabbit Monoclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-NPRC Rabbit Monoclonal Antibody - Images

Western blot analysis of Natriuretic Peptide Receptor C expression in HeLa cell lysate.