

NPRC Antibody
Rabbit mAb
Catalog # AP91735**Specification**

NPRC Antibody - Product Information

Application	WB, FC
Primary Accession	P17342
Reactivity	Rat
Clonality	Monoclonal

Other Names

ANPC; ANPRC; GUCY2B; NPR 3; NPR C; Npr3; NPRC;

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	59808 Da

NPRC Antibody - Additional Information

Dilution	WB~~1:1000 FC~~1:10~50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Natriuretic Peptide Receptor C
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

NPRC 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).

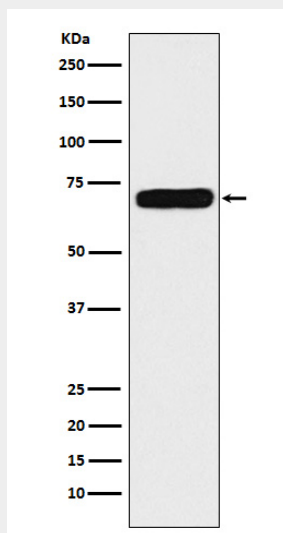
Cellular Location

Cell membrane; Single-pass type I membrane protein

NPRC 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](#)

NPRC Antibody - Images

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