

Rabbit NPR3 Polyclonal Antibody | anti-NPR3 antibody

NPR3 Rabbit pAb

CATALOG # AAA281719	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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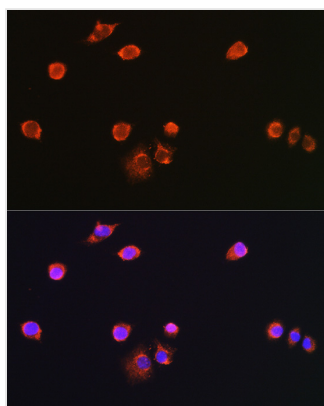
PRODUCT SYNONYMS

NPR3; Polyclonal Antibody; NPR3 Rabbit pAb; ANP-C; ANPR-C; ANPRC; C5orf23; GUCY2B; NPR-C; NPRC; anti-NPR3 antibody

PRODUCT SPECIFICATIONS

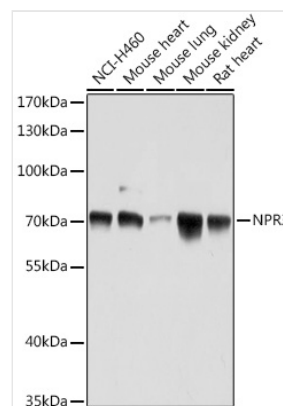
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-NPR3 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human NPR3.
Positive Samples	NCI-H460, Mouse heart, Mouse lung, Mouse kidney, Rat heart
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using NPR3 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NPR3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-NPR3 antibody	Background: This gene encodes one of three natriuretic peptide receptors. Natriuretic peptides are small peptides which regulate blood volume and pressure, pulmonary hypertension, and cardiac function as well as some metabolic and growth processes. The product of this gene encodes a natriuretic peptide receptor responsible for clearing circulating and extracellular natriuretic peptides through endocytosis of the receptor. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-NPR3 antibody	Signal Transduction; G protein signaling; G-Protein-Coupled Receptors(GPCR); Research; Cell Biology & Developmental Biology; Extracellular Matrix; Bone; Research; Cardiovascular; Blood; Blood Pressure regulation

NCBI AND UNIPROT INFORMATION

NCBI GI #	324120923
NCBI GeneID	4883
NCBI Accession #	NP_001191305.1
NCBI GenBank Nucleotide #	NM_001204376.1
UniProt Accession #	P17342; A2RRD1; B4DT84; E7EPG9
Molecular Weight	59,767 Da
NCBI Official Full Name	atrial natriuretic peptide receptor 3 isoform 3
NCBI Official Synonym Full Names	natriuretic peptide receptor 3
NCBI Official Symbol	NPR3
NCBI Official Synonym Symbols	NPRC; ANP-C; ANPRC; NPR-C; ANPR-C; GUCY2B; C5orf23
NCBI Protein Information	atrial natriuretic peptide receptor 3
UniProt Protein Name	Atrial natriuretic peptide receptor 3
UniProt Gene Name	NPR3
UniProt Synonym Gene Names	ANPRC; C5orf23; NPRC; ANP-C; ANPR-C; NPR-C

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.