

Goat NPR3 Polyclonal Antibody | anti-NPR3 antibody

Goat Polyclonal to Human NPR3

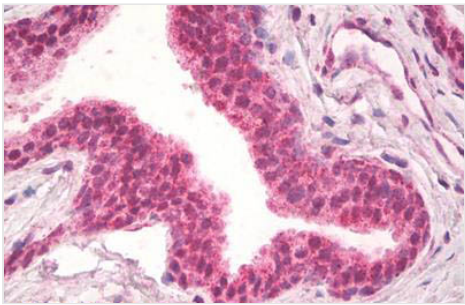
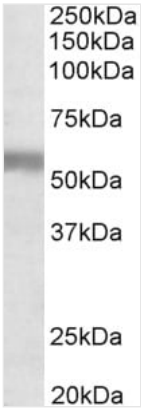
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52363	Goat	Gibbon, Bovine, Chimpanzee, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Rabbit, Rat Predicted Reactivity: Bat, Chicken, Xenopus (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

NPR3; Polyclonal Antibody; Goat Polyclonal to Human NPR3; Anti-NPR3 Antibody (aa520-533) IHC-plus; ANPRC; C5orf23; GUCY2B; NPR-C; NPRC; ANP-C; ANPR-C; Human NPR3; anti-NPR3 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Gibbon, Bovine, Chimpanzee, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Rabbit, Rat Predicted Reactivity: Bat, Chicken, Xenopus (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human NPR3. The immunizing peptide represents the cytoplasmic part of the protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	540
Applicable Applications for anti-NPR3 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-HRELREDSIRSHFS from the C-terminus of human NPR3 (NP_000899.1).
Immunogen Type	Synthetic peptide
Immunogen	NPR3 antibody was raised against synthetic peptide C-HRELREDSIRSHFS from the C-terminus of human NPR3 (NP_000899.1). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Hamster, Elephant, Dog, Bovine, Horse, Rabbit, Porcine, Opossum (100%); Bat, Turkey, Zebra finch, Chicken, Xenopus (93%); Pufferfish, Zebrafish (86%).
Antigen Modification	aa520-533
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.



IHC (Immunohistochemistry)
Anti-NPR3 antibody IHC staining of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

WB (Western Blot)
NPR3 antibody (1 ug/ml) staining of Human Placenta lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505441
NCBI GeneID	4883
NCBI Accession #	NP_000899.1
NCBI GenBank Nucleotide #	NM_000908.3
UniProt Accession #	P17342; A2RRD1; B4DT84; E7EPG9
Molecular Weight	36,656 Da
NCBI Official Full Name	atrial natriuretic peptide receptor 3 isoform 2
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; guanylate cyclase C; atrionatriuretic peptide receptor C; atrial natriuretic peptide receptor type C; atrial natriuretic peptide clearance receptor; natriuretic peptide receptor C/guanylate cyclase C (atrionatriuretic peptide receptor C)
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
UniProt Entry Name	ANPRC_HUMAN

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.