

NPR3 (aa520-533) Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF3658a**Specification**

NPR3 (aa520-533) Antibody (C-Term) - Product Information

Application	WB, IHC, E
Primary Accession	P17342
Other Accession	NP_000899.1 , 4883 , 18162 (mouse) , 25339 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	59808

NPR3 (aa520-533) Antibody (C-Term) - 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

DilutionWB~~1:1000
IHC~~1:100~500
E~~N/A**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NPR3 (aa520-533) Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

NPR3 (aa520-533) Antibody (C-Term) - 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. May regulate diuresis, blood pressure and skeletal development. Does not have guanylate cyclase activity.

Cellular Location

Cell membrane; Single-pass type I membrane protein

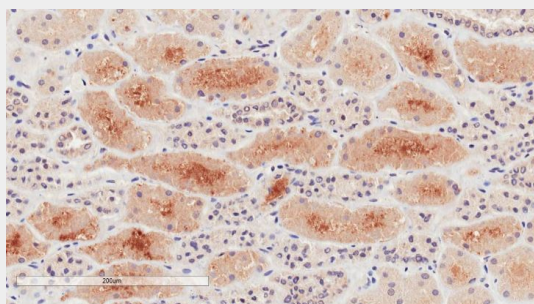
NPR3 (aa520-533) Antibody (C-Term) - Protocols

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

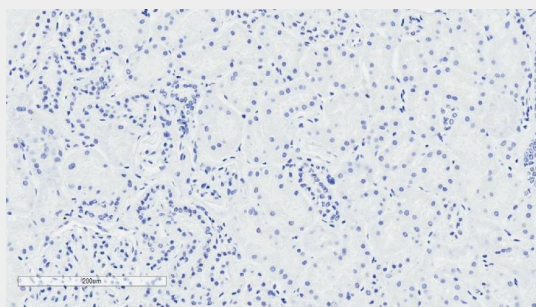
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NPR3 (aa520-533) Antibody (C-Term) - Images

AF3658a (1 μ g/ml) staining of Human Placenta lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF3658a (2µg/ml) staining of paraffin embedded Human Kidney. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.



AF3658a Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.

NPR3 (aa520-533) Antibody (C-Term) - Background

The immunizing peptide represents the cytoplasmic part of the protein.

NPR3 (aa520-533) Antibody (C-Term) - References

Greater expression of inflammatory cytokines, adrenomedullin, and natriuretic peptide receptor-C in epicardial adipose tissue in coronary artery disease. Shibasaki I, Nishikimi T, Mochizuki Y, Yamada Y, Yoshitatsu M, Inoue Y, Kuwata T, Ogawa H, Tsuchiya G, Ishimitsu T, Fukuda H. Regul Pept. 2010 Dec 10;165(2-3):210-7. PMID: 20691218