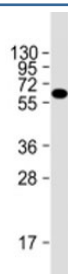


## NPR3 Antibody [clone 1748CT403.18.42] (F53962)

Catalog No.	Formulation	Size
F53962-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53962-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	1748CT403.18.42
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P17342
<b>Applications</b>	Western Blot : 1:1000-2000
<b>Limitations</b>	This NPR3 antibody is available for research use only.



Western blot testing of HeLa cell lysate with Natriuretic Peptide Receptor C antibody at 1:2000. Predicted molecular weight: 60 kDa.

## Description

Natriuretic Peptide Receptor 3/C is the 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.

## Application Notes

Titration of the NPR3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A partial recombinant protein corresponding to amino acids 200-420 from the human protein was used as the immunogen for the NPR3 antibody.

## Storage

Aliquot the NPR3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.