

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

| | |
|--------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| Host | Mouse |
| Clonality | Monoclonal (mouse origin) |
| Isotype | Mouse IgG1, kappa |
| Clone Name | 1748CT403.18.42 |
| Purity | Protein G affinity chromatography |
| UniProt | P17342 |
| Applications | Western Blot : 1:1000-2000 |
| Limitations | 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 -20°C or colder. Avoid repeated freeze-thaw cycles.