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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NPR2 polyclonal antibody (A01)

Catalog # : H00004882-A01

規格 : [50 uL]

List All

Specification

Product Description: Mouse polyclonal antibody raised against a partial recombinant NPR2.

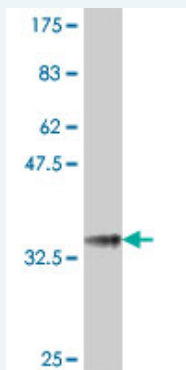
Immunogen: NPR2 (AAH34917, 131 a.a. ~ 230 a.a) partial recombinant protein with GST tag.

Sequence: AKNDHYRTLVRTGPSAPKLGEFVVTLHGHNWTARAALLYLDARTDDR
PHYFTIEGVFEALQGSNLSVQHQQVYAREPGGPEQATHFIRANGRIVYICG
PL

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.11 kDa) .

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [4882](#)

GeneBank Accession#: [NM_003995](#)

Application Image

Western Blot (Recombinant protein)

ELISA

Protein Accession#: [AAH34917](#)

Gene Name: NPR2

Gene Alias: AMDM,ANPRB,GUC2B,GUCY2B,NPRB,NPRBi

Gene Description: natriuretic peptide receptor B/guanylate cyclase B (atrionatriuretic peptide receptor B)

Omim ID: [108961](#), [602875](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes natriuretic peptide receptor B, one of two integral membrane receptors for natriuretic peptides. Both NPR1 and NPR2 contain five functional domains: an extracellular ligand-binding domain, a single membrane-spanning region, and intracellularly a protein kinase homology domain, a helical hinge region involved in oligomerization, and a carboxyl-terminal guanylyl cyclase catalytic domain. The protein is the primary receptor for C-type natriuretic peptide (CNP), which upon ligand binding exhibits greatly increased guanylyl cyclase activity. Mutations in this gene are the cause of acromesomelic dysplasia Maroteaux type. [provided by RefSeq]

Other Designations: OTTHUMP00000021345,OTTHUMP00000045390,atrial natriuretic peptide B-type receptor,guanylate cyclase B,natriuretic peptide receptor B

Gene Pathway

[Purine metabolism](#) [Vascular smooth muscle contraction](#)

Related Disease

[Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Edema](#)
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[Ventricular Dysfunction](#)