NPR2 Rabbit Polyclonal Antibody

CAB16061

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

117kDa

Calculated MW:

111kDa/117kDa

Applications:

WB

Reactivity:

Human

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

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.

Immunogen information

Gene ID:
4882

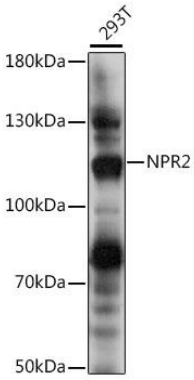
Uniprot
P20594

Synonyms:
NPR2; AMDM; ANPRB; ANPb; ECDM; GUC2B; GUCY2B; NPRB; NPRBi; SNSK

Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 130-320 of human NPR2 (NP_003986.2).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of 293T cells, using NPR2 antibody (CAB16061) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.