

CAB19255

Product Information

Product SKU:	CAB19255	Gene ID:	4882	Size:	20uL, 100uL
Clone No:	ARC2421	Host Species:	Rabbit	Reactivity:	Mouse

Additional Information

Observed MW:	130kDa	Conjugate:	Unconjugated
Calculated MW:	117kDa	Isotype:	IgG

Immunogen Information

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.

Recommended Dilution: WB, 1:500 - 1:1000

Synonyms: GCB; AMD1; AMDM; ANPb; ECDM; GC-B; NPRB; SNSK; ANPRB; GUC2B; NPRBi; GUCY2B; ANPRB/NRP2

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 800-900 of human ANPRB/NRP2 (P20594).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.