

Recombinant Anti-NPR3 Rabbit mAb

Catalog # AP95171

Product Information

Application	WB, FC
Primary Accession	P17342
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal
Calculated MW	59808

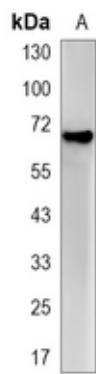
Additional Information

Gene ID	4883
Other Names	ANPRC; C5orf23; NPRC; Atrial natriuretic peptide receptor 3; Atrial natriuretic peptide clearance receptor; Atrial natriuretic peptide receptor type C; ANP-C; ANPR-C; NPR-C
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human NPR3 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	NPR3
Synonyms	ANPRC, C5orf23, NPRC
Function	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. Acts as a regulator of osteoblast differentiation and bone growth by binding to its ligand osteocrin, thereby preventing binding between NPR3/NPR-C and natriuretic peptides, leading to increase cGMP production (By similarity).
Cellular Location	Cell membrane; Single-pass type I membrane protein

Images



Western blot analysis of NPR3 expression in HeLa (A) whole cell lysates. (Predicted band size: 60 kD; Observed band size: 70 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.