

NPR3 Rabbit mAb

Catalog # AP77866

Product Information

Application	WB, FC
Primary Accession	P17342
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human Natriuretic Peptide Receptor C
Purification	Affinity Chromatography
Calculated MW	59808

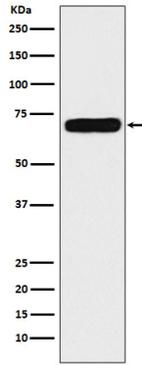
Additional Information

Gene ID	4883
Other Names	NPR3
Dilution	WB~~1/500-1/1000 FC~~1:10~50
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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



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