

Nppc Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14170

Product Information

Application	WB
Primary Accession	Q61839
Other Accession	NM_010933 , NP_035063
Reactivity	Human, Mouse, Rat, Rabbit, Goat, Dog, Guinea Pig, Horse, Bovine, Sheep
Predicted	Human, Mouse, Rat, Rabbit, Pig, Goat, Dog, Guinea Pig, Horse, Bovine, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	13320

Additional Information

Gene ID	18159
Alias Symbol	CNP, MGC130574, Ibab
Other Names	C-type natriuretic peptide, CNP-22, CNP-29, CNP-53, Nppc, Cnp
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Nppc antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Nppc Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Nppc
Synonyms	Cnp
Function	[CNP-22]: Hormone which plays a role in endochondral ossification through regulation of cartilaginous growth plate chondrocytes proliferation and differentiation (PubMed: 11259675). May also be vasoactive and natriuretic (By similarity). Acts by specifically binding and stimulating NPR2 to produce cGMP (PubMed: 12890708). Binds the clearance receptor NPR3 (By similarity).
Cellular Location	Secreted.

References

Ogawa Y.,et al.Genomics 24:383-387(1994).
Huang H.,et al.Am. J. Physiol. 271:H1565-H1575(1996).
Chusho H.,et al.Proc. Natl. Acad. Sci. U.S.A. 98:4016-4021(2001).
Madhani M.,et al.Br. J. Pharmacol. 139:1289-1296(2003).

Images



WB Suggested Anti-Nppc Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Brain

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