

Rabbit Nppc Polyclonal Antibody | anti-NPPC antibody

Nppc Antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200719	Rabbit	Tested Species Reactivity: Mouse Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Sheep	Western Blot

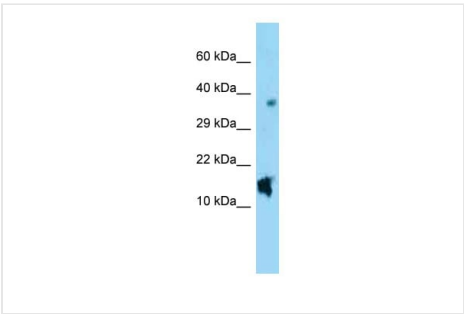
PRODUCT SYNONYMS

Nppc; Polyclonal Antibody; Nppc Antibody - C-terminal region; C; Ib; CNP; lba; anti-NPPC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Mouse Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: LL RDLRVDTKSR AAWARLLHEH PNARKYKGGN KKGLSKGCFG LKLDRIQS
Sequence Length	126
Applicable Applications for anti-NPPC antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Goat: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Sheep: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Nppc
Protein Size (# AA)	126 amino acids
Protein Interactions	Npr2;
Preparation and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-Nppc AntibodyTitration: 1.0 ug/mlPositive Control: Mouse Brain

ADDITIONAL INFORMATION

Related Product Information for anti-NPPC antibody	Target Description: This gene encodes a member of the natriuretic peptide family. Natriuretic peptides are involved in the control of blood pressure, extracellular fluid volume and electrolyte homeostasis. The encoded protein also plays a role in sensory neuron bifurcation, and is a critical regulator of endochondral bone growth. The encoded protein is a ligand for the natriuretic peptide receptor B, and is synthesized as a preprohormone which is cleaved to produce a mature peptide. Mutations in this gene are associated with dwarfism resulting from impaired endochondral ossification.
Product Categories/Family for anti-NPPC antibody	Polyclonal; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754880
NCBI GeneID	18159
NCBI Accession #	NP_035063
NCBI GenBank Nucleotide #	NM_010933
UniProt Accession #	Q61839
Molecular Weight	14kDa
NCBI Official Full Name	C-type natriuretic peptide preproprotein
NCBI Official Synonym Full Names	natriuretic peptide type C
NCBI Official Symbol	Nppc
NCBI Official Synonym Symbols	CNP; lbab
NCBI Protein Information	C-type natriuretic peptide
UniProt Protein Name	C-type natriuretic peptide
UniProt Gene Name	Nppc
UniProt Synonym Gene Names	Cnp
UniProt Entry Name	ANFC_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.