

BNP Rabbit pAb

Cat No.:ES20876

For research use only

Overview

Product Name	BNP Rabbit pAb
Host species	Rabbit
Applications	IHC
Species Cross-Reactivity	Human
Recommended dilutions	IHC 1:50-200
Immunogen	Synthesized peptide derived from human BNP AA range: 89-139
Specificity	This antibody detects endogenous levels of BNP at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	BNP
Gene Name	MLST8 GBL LST8
Cellular localization	Cytoplasm .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	37kD
Human Gene ID	64223
Human Swiss-Prot Number	Q9BVC4
Alternative Names	Target of rapamycin complex subunit LST8 (TORC subunit LST8) (G protein beta subunit-like) (Gable) (Protein GbetaL) (Mammalian lethal with SEC13 protein 8) (mLST8)
Background	Natriuretic peptide B(NPPB) Homo sapiens This gene is a member of the natriuretic peptide family and encodes a secreted protein which functions as a cardiac hormone. The protein undergoes two cleavage events, one within the cell and a second after secretion into the blood. The protein's





biological actions include natriuresis, diuresis, vasorelaxation, inhibition of renin and aldosterone secretion, and a key role in cardiovascular homeostasis. A high concentration of this protein in the bloodstream is indicative of heart failure. The protein also acts as an antimicrobial peptide with antibacterial and antifungal activity. Mutations in this gene have been associated with postmenopausal osteoporosis.

Immunohistochemical analysis of paraffin-embedded Human Heart Tissue using ILK1 Rabbit polyclonal antibody diluted at 1:200.

