

Mouse anti-Human Brain Natriuretic Peptide (BNP) Monoclonal Antibody | anti-BNP antibody

Monoclonal Antibody to Brain Natriuretic Peptide (BNP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21182	Mouse	Human	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

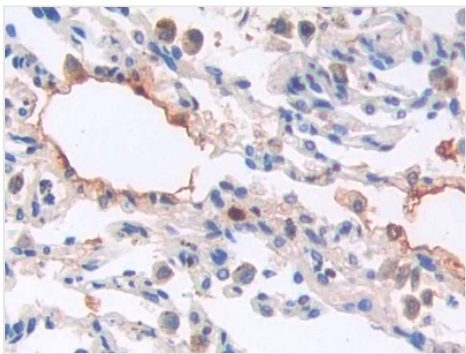
PRODUCT SYNONYMS

Brain Natriuretic Peptide (BNP); Monoclonal Antibody; Monoclonal Antibody to Brain Natriuretic Peptide (BNP); BNP/Brain Natriuretic Peptide; GCB; BType Natriuretic Peptide; Ventricular Natriuretic Peptide; Gammabrain natriuretic peptide; Brain natriuretic peptide 32; anti-BNP antibody

PRODUCT SPECIFICATIONS

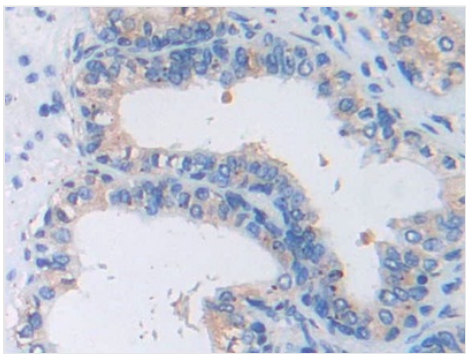
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	C11
Specificity	The antibody is a mouse monoclonal antibody raised against BNP. It has been selected for its ability to recognize BNP in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-BNP antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	WB: 0.52ug/mL IHC: 520ug/mL ICC: 520ug/mL
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Ser103~His134
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



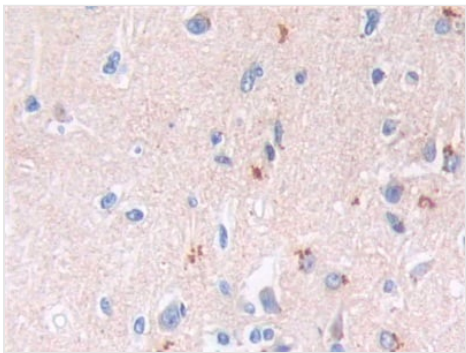
IHC (Immunohistochemistry)

DAB staining on IHCP; Sample: Human Lung cancer Tissue; Primary Ab: 30ug/ml Mouse AntiHuman BNP Antibody; Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



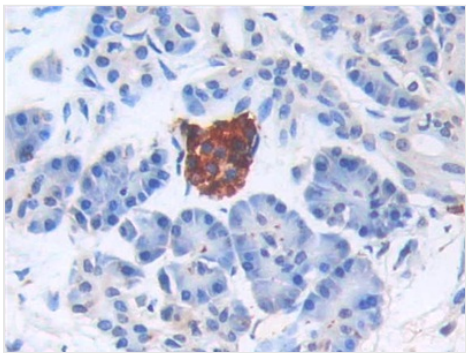
IHC (Immunohistochemistry)

DAB staining on IHCP; Sample: Human Prostate Tissue; Primary Ab: 30ug/ml Mouse AntiHuman BNP Antibody; Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



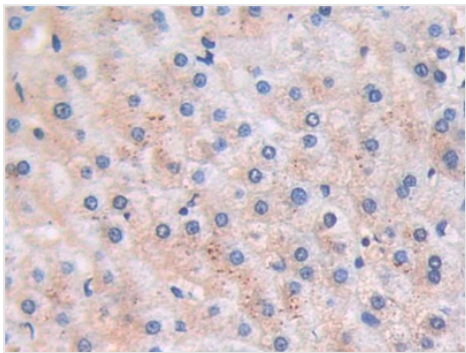
IHC (Immunohistochemistry)

DAB staining on IHCP; Sample: Human Cerebrum Tissue; Primary Ab: 30ug/ml Mouse AntiHuman BNP Antibody; Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



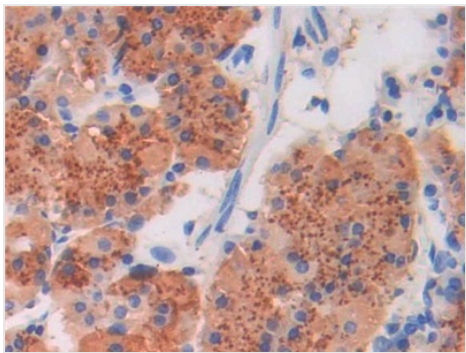
IHC (Immunohistochemistry)

DAB staining on IHCP; Sample: Human Pancreatic cancer Tissue; Primary Ab: 30ug/ml Mouse AntiHuman BNP Antibody; Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



IHC (Immunohistochemistry)

DAB staining on IHCP; Sample: Human Liver Tissue; Primary Ab: 30ug/ml Mouse AntiHuman BNP Antibody; Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



IHC (Immunohistochemistry)

DAB staining on IHCP; Sample: Human Stomach Tissue; Primary Ab: 30ug/ml Mouse AntiHuman BNP Antibody; Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

ADDITIONAL INFORMATION

Product Categories/Family for anti-BNP antibody	Cardiovascular biology; Neuro science; Hormone metabolism; Primary
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505433
NCBI GeneID	4879

NCBI Accession #	NP_002512.1
NCBI GenBank Nucleotide #	NM_002521.2
UniProt Accession #	P16860 ; Q6FGY0 ; Q9P2Q7 ; B0ZBE9
Molecular Weight	14,726 Da
NCBI Official Full Name	natriuretic peptides B preproprotein
NCBI Official Synonym Full Names	natriuretic peptide B
NCBI Official Symbol	NPPB
NCBI Official Synonym Symbols	BNP
NCBI Protein Information	natriuretic peptides B; natriuretic protein; brain type natriuretic peptide; gamma-brain natriuretic peptide; natriuretic peptide precursor B
UniProt Protein Name	Natriuretic peptides B
UniProt Gene Name	NPPB
UniProt Synonym Gene Names	BNP(1-32); BNP-32
UniProt Entry Name	ANFB_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/brain-natriuretic-peptide-bnp-antibody-clone-c11-western-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/21182>