

ANP antibody [GT1068]

Cat. No. GTX634219

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, ELISA, Sandwich ELISA
Reactivity	Human, Mouse

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture: GTX634219, Detection: GTX639071

Not tested in other applications.

Calculated MW 17 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length human ANP recombinant protein.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated



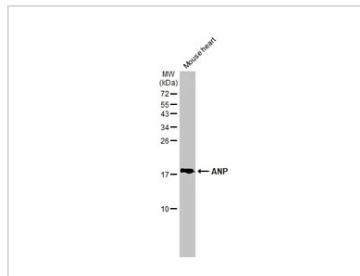
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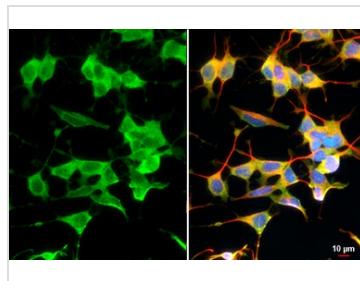
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Note

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DATA IMAGES**GTX634219 WB Image**

Mouse tissue extract (50 µg) was separated by 15% SDS-PAGE, and the membrane was blotted with ANP antibody [GT1068] (GTX634219) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.

**GTX634219 ICC/IF Image**

ANP antibody [GT1068] detects ANP protein at cytoplasm by immunofluorescent analysis.

Sample: SH-SY-5Y cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: ANP stained by ANP antibody [GT1068] (GTX634219) diluted at 1:500.

Red: beta Tubulin, a cytoskeleton marker, stained by beta Tubulin antibody (GTX101279) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).

Scale bar= 10µm.

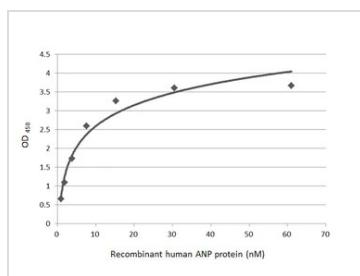
**GTX634219 IHC-P Image**

ANP antibody [GT1068] detects secreted ANP protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse heart.

ANP stained by ANP antibody [GT1068] (GTX634219) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**GTX634219 ELISA Image**

Sandwich ELISA detection of recombinant Human ANP protein, GST tag (GTX109255-pro) using antibodies as below.

Capture: ANP antibody [GT1068] (GTX634219) (5 µg/mL)

Detection: ANP antibody [HL2617] (GTX639071) (1 µg/mL)



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