

## ANP antibody [GT1068]

**Cat. No. GTX634219**

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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	No preservatives
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Full length human ANP recombinant protein.
<b>Purification</b>	Affinity purified by Protein G.
<b>Conjugation</b>	Unconjugated



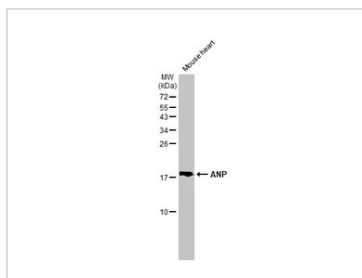
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### Note

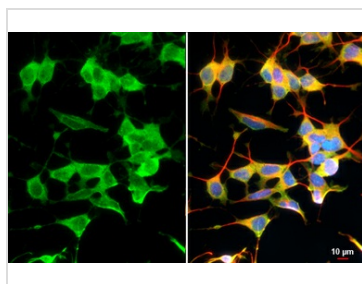
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## DATA IMAGES



### 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.

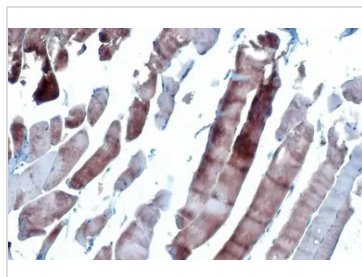
Sample: SH-SY-5Y cells were fixed in 4% paraformaldehyde at RT for 15 min.

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 = 10 µm.



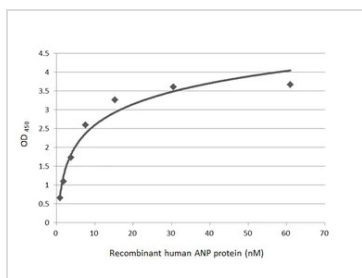
### GTX634219 IHC-P Image

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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