

## Anti-NPPA antibody (1-100) [S4694RM] (STJ11104694)

STJ11104694

### GENERAL INFORMATION

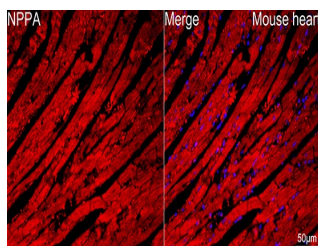
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse

### PRODUCT PROPERTIES

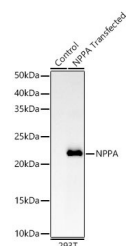
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	S4694RM
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:2000-1:6000 IF/ICC:1:100-1:400 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	4878
<b>Gene Symbol</b>	NPPA
<b>Uniprot ID</b>	ANF_HUMAN
<b>Immunogen</b>	
<b>Region</b>	1-100
<b>Specificity</b>	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human NPPA (NP_006163.1).
<b>Immunogen Sequence</b>	MSSFSTTTVSFLLLLAFQLL GQTRANPMYNAVSNADLMDF KNLLDHLEEKMPLEDEVVPP QVLSEPNEEAGAALSPLPEV PPWTGEVSPAQRDGGALGRG



Confocal imaging of a paraffin-embedded mouse heart using NPPA Rabbit monoclonal antibody (STJ11104694, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with NPPA using NPPA Rabbit monoclonal antibody (STJ11104694) at a 1:5000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 60s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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