

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

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

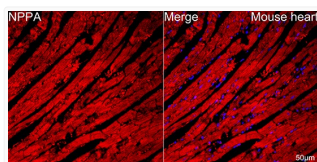
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:2000-1:6000 IF/CC:1:100-1:400 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 16kDa Observed Mw: 16kDa/22kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

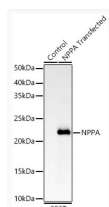
Gene ID	4878
Gene Symbol	NPPA
UniProt ID	ANF_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MSSFSTTTVSFLLLLAFQLL GQTRANPMYNAVSNADLMDF KNLLDHLEEKMPLEDEVVPP QVLSEPNEEAGAALSPLPEV PPWTGEVSPAQRDGGALGRG
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human NPPA (NP_006163.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Confocal imaging of 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 1:5000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 60s.