

Anti-TTN antibody (5347-5604) (STJ119141)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

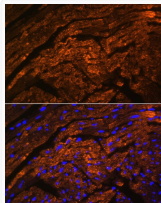
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 3816kDa Observed Mw: Refer to figures
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

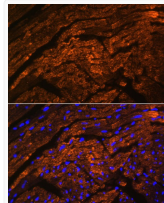
Gene ID	7273
Gene Symbol	TTN
UniProt ID	TITIN_HUMAN
Immunogen Region	5347-5604
Immunogen Sequence	LDVLPFNFDPNMDSREGED KELKIDLEVFEMPPRFIMPI CDFKIPENSDAVFKCSVIGI PTPEVKWYKEYMCI EPDNIK YVISEEKGSHTLKIRNVCLS DSATYRCRAVNCVGEAICRG FLTMGDSEIFAVIAKSKVT LSSLMEELVLKSNYTDSFFE FQVVEGPPRFIKGISDCYAP IGTAA YFQCLVRGSPRPTVY WYKDGKLVQGRRTVEESGT GFHNLFITSLVKSDEGEYR
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 5347-5604 of human TTN (NP_596870.2).

ADDITIONAL INFORMATION

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



Immunofluorescence analysis of paraffin-embedded mouse heart using TTN Rabbit polyclonal antibody (STJ119141) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded rat heart using TTN Rabbit polyclonal antibody (STJ119141) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.