

**Anti-MYH7 antibody (1240-1340) (STJ11105427)**  
STJ11105427

**GENERAL INFORMATION**

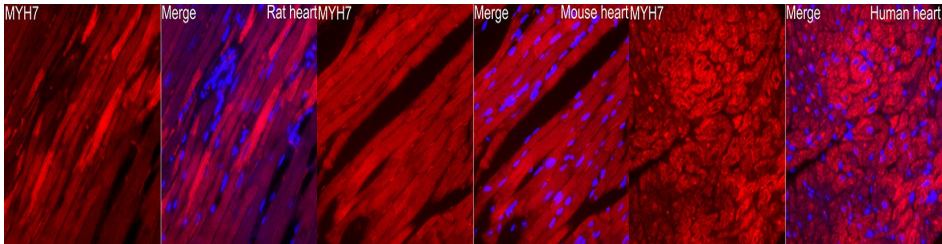
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

**PRODUCT PROPERTIES**

<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 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, 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**

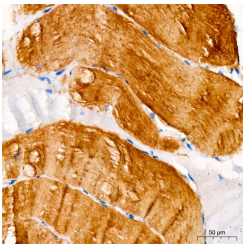
<b>Gene ID</b>	4625
<b>Gene Symbol</b>	MYH7
<b>Uniprot ID</b>	MYH7_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	1240-1340
<b>Specificity</b>	A synthetic peptide corresponding to a sequence within amino acids 1240-1340 of human MYH7 (NP_000248.2).
<b>Immunogen Sequence</b>	KAKANLEKMCRTLEDQMNEH RSKAETQRSVNDLTSQRAK LQTENGELSRLDEKEALIS QLTRGKLTYTQQLDLKRQL EEEVKAKNALAHALQSARHD C



Immunofluorescence analysis of paraffin-embedded rat heart using MYH7 Rabbit polyclonal antibody (STJ11105427) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0. 01 M citrate buffer (pH 6. 0) prior to IF staining.

Immunofluorescence analysis of paraffin-embedded mouse heart using MYH7 Rabbit polyclonal antibody (STJ11105427) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0. 01 M citrate buffer (pH 6. 0) prior to IF staining.

Immunofluorescence analysis of paraffin-embedded Human heart using MYH7 Rabbit polyclonal antibody (STJ11105427) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0. 01 M citrate buffer (pH 6. 0) prior to IF staining.



Immunohistochemistry analysis of MYH7 in paraffin-embedded Human skeletal muscle using MYH7 Rabbit polyclonal antibody (STJ11105427) at dilution of 1:50 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.

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.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081