

Anti-ATP2A2 antibody (111-253) (STJ113534)
STJ113534

GENERAL INFORMATION

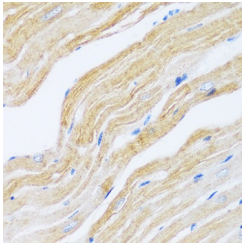
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/ELISA
Host/Source	Rabbit
Reactivity	Mouse/Rat

PRODUCT PROPERTIES

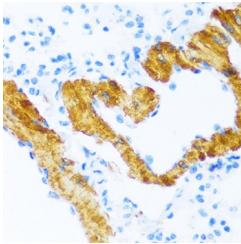
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:100 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

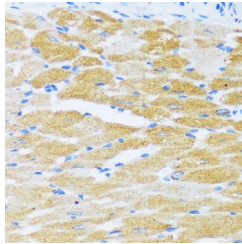
Gene ID	488
Gene Symbol	ATP2A2
Uniprot ID	AT2A2_HUMAN
Immunogen	
Immunogen Region	111-253
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 111-253 of human SERCA2/ATP2A2 (NP_733765.1).
Immunogen Sequence	NAENAEALKEYEPENMGKVV RQDRKSVQRIKAKDIVPGDI VEIAGVDKVPADIRLTSIKS TTLRVDQSILTGESVSVIKH TDPVPDPRAVNQDKKNMLFS GTNIAAGKAMGVVATGVNT EIGKIRDEMVAEQERTPLQ QKL



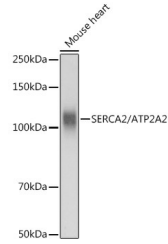
Immunohistochemistry analysis of SERCA2/ATP2A2 in paraffin-embedded mouse heart using SERCA2/ATP2A2 Rabbit polyclonal antibody (STJ113534) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of SERCA2/ATP2A2 in paraffin-embedded mouse lung using SERCA2/ATP2A2 Rabbit polyclonal antibody (STJ113534) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of SERCA2/ATP2A2 in paraffin-embedded rat heart using SERCA2/ATP2A2 Rabbit polyclonal antibody (STJ113534) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from Mouse heart, using SERCA2/ATP2A2 Rabbit polyclonal antibody (STJ113534) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

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