

## Anti-ACO2 antibody (1-150) [S5MR] (STJ11102095)

STJ11102095

### GENERAL INFORMATION

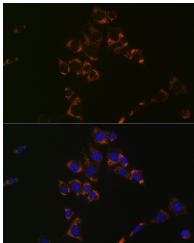
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

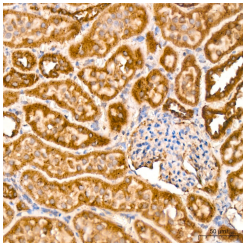
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	S5MR
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:1000-1:6000 IHC-P:1:200-1:800 IF/ICC:1:100-1:400 ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

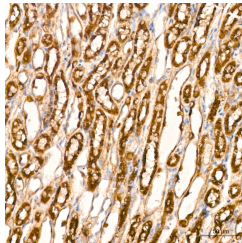
<b>Gene ID</b>	50
<b>Gene Symbol</b>	ACO2
<b>Uniprot ID</b>	ACON_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	1-150
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-150 of human Aconitase 2 (ACO2) (Q99798).
<b>Immunogen Sequence</b>	MAPYSLLVTRLQKALGVRQY HVASVLCQRAKVAMSHFEPN EYIHYDLLEKNINIVRKRLN RPLTLSEKIVYGHLDPPASQ EIERGKSYLRLRPDRVAMQD ATAQMAMLQFISSGLSKVAV PSTIHCDHLIEAQVGGEKDL RRAKDINQEV



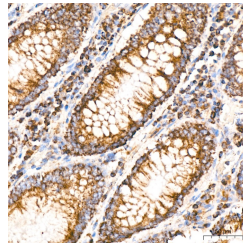
Immunofluorescence analysis of NIH-3T3 cells using Aconitase 2 (ACO2) Rabbit monoclonal antibody (STJ11102095) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of Aconitase 2 (ACO2) in paraffin-embedded rat kidney tissue using Aconitase 2 (ACO2) Rabbit monoclonal antibody (STJ11102095) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of Aconitase 2 (ACO2) in paraffin-embedded mouse kidney tissue using Aconitase 2 (ACO2) Rabbit monoclonal antibody (STJ11102095) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of Aconitase 2 (ACO2) in paraffin-embedded human colon tissue using Aconitase 2 (ACO2) Rabbit monoclonal antibody (STJ11102095) at a dilution of 1:200 (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.  
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