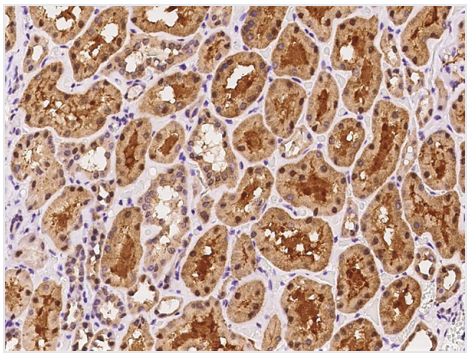
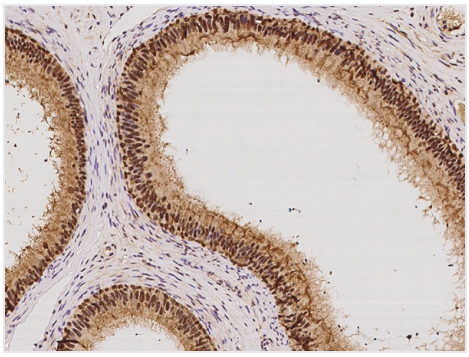
ISOC2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ISOC2, Polyclonal Antibody
Full Product Name	Anti-ISOC2 Antibody, Rabbit Polyclonal
Product Gene Name	anti-ISOC2 antibody
Product Synonym Names	ISOC2 Antibody, Rabbit PAb, Antigen Affinity Purified
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Purity/Purification	Protein A & Antigen Affinity
Specificity	Human ISOC2
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.
Immunogen	E Coli-derived Human ISOC2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human ISOC2 fragment, and purified by antigen affinity chromatography.
Applications Tested/Suitable for anti-ISOC2 antibody	Immunohistochemistry-Paraffin (IHC-P)
Application Notes for anti-ISOC2 antibody	IHC-P: 1:50-1:200
Related Product Information for anti-ISOC2 antibody	Isochorismatase domain-containing protein 2 (ISOC2) conserves in different species, and encodes 205 and 210 amino acids in human and mouse, respectively. The expression of ISOC2 in mouse is universal but predominantly in uterus, stomach, and urinary tract system. ISOC2 is a part of the isochorismatase family. SOC2 is localized in mitochondrion, cytoplasm, and nucleus. ISOC2 which interacts with CDKN2A is localized to the nucleus in the attendance of CDKN2A. Over-expressed ISOC2 inhibits the expression of p16(INK4a), and ISOC2 gene may play a role during the tumor development by interacting with p16(INK4a).
Product References and Citations for anti-ISOC2 antibody	Samanta L, et al. (2018) Proteomic signatures of sperm mitochondria in varicocele: Clinical use as biomarkers of varicocele associated infertility. J Urol 200 (2): 414-422.Huang X, et al. (2007) Identification and characterization of a novel protein isoc2 that interacts with p16ink4a. Biochem Biophys Res Commun 361 (2): 287-293.
Other Notes	Small volumes of anti-ISOC2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ISOC2 purchase	MBS8108655 is an antibody targeting ISOC2. Also known as Anti-ISOC2 Antibody, Rabbit Polyclonal. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-ISOC2 antibody
Immunochemical staining of human ISOC2 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



Immunohistochemistry (IHC) of anti-ISOC2 antibody
Immunochemical staining of human ISOC2 in human epididymis with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ISOC2. It may not necessarily be applicable to this product.

Protein Family	Isochorismatase domain-containing protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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