

Rabbit anti-Human ISOC2 Polyclonal Antibody | anti-ISOC2 antibody

Anti-ISOC2 Antibody, Rabbit Polyclonal

CATALOG # AAA256265	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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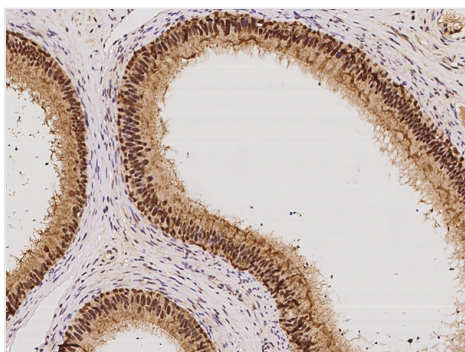
PRODUCT SYNONYMS

ISOC2; Polyclonal Antibody; Anti-ISOC2 Antibody; Rabbit Polyclonal; ISOC2 Antibody; Rabbit PAb; Antigen Affinity Purified; anti-ISOC2 antibody

PRODUCT SPECIFICATIONS

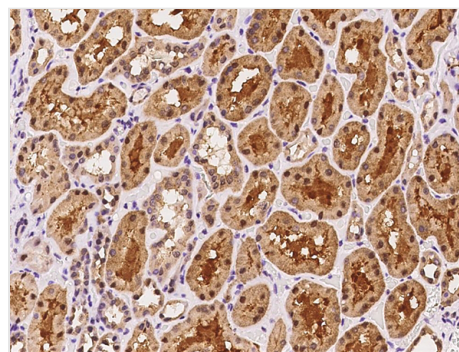
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ISOC2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-ISOC2 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human ISOC2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human ISOC2 fragment, and purified by antigen affinity chromatography.
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.

IMAGES



IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

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).
References	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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/isoc2-antibody-immunohistochemistry-elisa/256265>