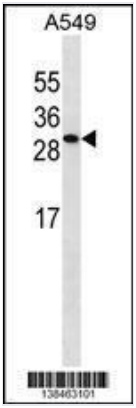
ISOC2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ISOC2, Polyclonal Antibody
Full Product Name	ISOC2, CT (ISOC2, Isochorismatase domain-containing protein 2, mitochondrial)
Product Gene Name	anti-ISOC2 antibody
Product Synonym Names	Anti -ISOC2, CT (ISOC2, Isochorismatase domain-containing protein 2, mitochondrial)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	22,337 Da
Chromosome Location	Chromosome: 19; NC_000019.9 (55964345..55973070, complement). Location: 19q13.42
OMIM	612928
3D Structure	ModBase 3D Structure for Q96AB3
Immunogen	ISOC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 158-188 amino acids from the C-terminal region of human ISOC2.
Product Categories/Family for anti-ISOC2 antibody	Antibodies; Abs to Mitochondrial Proteins
Applications Tested/Suitable for anti-ISOC2 antibody	ELISA (EL/EIA), Western Blot (WB)
Application Notes for anti-ISOC2 antibody	Suitable for use in Western Blot, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500
Related Product Information for anti-ISOC2 antibody	MBS6004745 is an antibody targeting ISOC2. Also known as ISOC2, CT (ISOC2, Isochorismatase domain-containing protein 2, mitochondrial). Reactive in Human. Host: Rabbit. ISOC2 belongs to the isochorismatase family.
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.



Western Blot (WB) of anti-ISOC2 antibody
ISOC2 Antibody (C-term) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the ISOC2 antibody detected the ISOC2 protein (arrow).

ADDITIONAL DETAILS

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

NCBI GI #	209969697
NCBI GeneID	79763
NCBI Accession #	NP_001129674.1
UniProt Primary Accession #	Q96AB3
UniProt Secondary Accession #	Q6ZN91; Q9H5G0
UniProt Related Accession #	Q96AB3
GenBank Nucleotide #	NM_001136202.1
NCBI Official Full Name	isochorismatase domain-containing protein 2, mitochondrial isoform 3
NCBI Official Synonym Full Names	isochorismatase domain containing 2
NCBI Official Symbol	ISOC2
UniProt Protein Name	Isochorismatase domain-containing protein 2, mitochondrial
Protein Family	Isochorismatase domain-containing protein
UniProt Gene Name	ISOC2
UniProt Entry Name	ISOC2_HUMAN
NCBI Protein Information	isochorismatase domain-containing protein 2, mitochondrial
UniProt Comments for ISOC2	ISOC2: Belongs to the isochorismatase family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Unknown function Chromosomal Location of Human Ortholog: 19q13.42 Cellular Component: mitochondrion; cytoplasm; nucleus Molecular Function: protein binding; catalytic activity Biological Process: protein destabilization; metabolic process
Research Articles on ISOC2	**1.** ISOC2 is a novel functional protein, which is able to bind and co-localize with a tumor suppressor gene p16(INK4a).

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