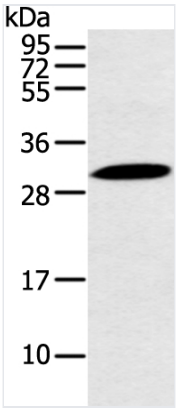
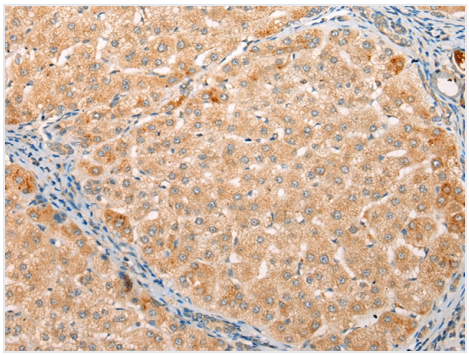
YRDC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	YRDC, Polyclonal Antibody
Full Product Name	YRDC Antibody
Product Gene Name	anti-YRDC antibody
Product Synonym Names	IRIP; SUA5; DRIP3
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen Affinity Purification
Concentration	0.9 mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total YRDC protein.
Preparation and Storage	Store at -20 degree C
Molecular Weight	29,328 Da
OMIM	612276
3D Structure	ModBase 3D Structure for Q86U90
Immunogen	Synthetic peptide of human YRDC
Immunogen Type	Peptide
Product Categories/Family for anti-YRDC antibody	Total protein Ab
Applications Tested/Suitable for anti-YRDC antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-YRDC antibody	Western Blot: 1:500-1:2000 Immunohistochemistry: 1:25-1:100
Related Product Information for anti-YRDC antibody	YrdC (yrdC domain containing protein), also known as IRIP (ischemia/reperfusion-inducible protein homolog), SUA5 or DRIP3 (dopamine receptor-interacting protein 3), is a 279 amino acid ubiquitously expressed protein found at highest levels in brain, liver and pancreas. A member of the SUA5 family, yrdC is involved in certain aspects of transporter activity, such as the regulation of efflux transporter activity and cargo assembly. YrdC is a peripheral membrane protein that contains one yrdC-like domain, interacts with RSC1A1 and localizes to mitochondrial and plasma membranes.
Other Notes	Small volumes of anti-YRDC 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 YRDC purchase	MBS9416408 is an antibody targeting YRDC. Also known as YRDC Antibody. Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-YRDC antibody
Gel: 12%SDS-PAGE Lysate: 40 ? g Lane: Mouse stomach tissue Primary antibody: 1/250 dilution Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 20 seconds



Immunohistochemistry (IHC) of anti-YRDC antibody
Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/20,

ADDITIONAL DETAILS

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

NCBI GI #	58761510
NCBI GeneID	79693
NCBI Accession #	NP_078916.3
UniProt Primary Accession #	Q86U90
UniProt Secondary Accession #	Q4W4X8; Q6NVW3; Q7L4E4; Q7Z2I4; Q9H5F8
UniProt Related Accession #	Q86U90
GenBank Nucleotide #	NM_024640.3
NCBI Official Full Name	yrdC domain-containing protein, mitochondrial
NCBI Official Synonym Full Names	yrdC N6-threonylcarbamoyltransferase domain containing
NCBI Official Symbol	YRDC
NCBI Official Synonym Symbols	IRIP; SUA5; DRIP3
UniProt Protein Name	YrdC domain-containing protein, mitochondrial
UniProt Synonym Protein Names	Dopamine receptor-interacting protein 3; Ischemia/reperfusion-inducible protein homolog; hIRIP
Protein Family	YrdC domain-containing protein
UniProt Gene Name	YRDC
UniProt Synonym Gene Names	DRIP3; IRIP; hIRIP
UniProt Entry Name	YRDC_HUMAN
NCBI Protein Information	yrdC domain-containing protein, mitochondrial

UniProt Comments for YRDC	YRDC: May regulate the activity of some transporters. Belongs to the SUA5 family. Protein type: Mitochondrial; Receptor, misc. Chromosomal Location of Human Ortholog: 1p34.3 Cellular Component: cytoplasm Molecular Function: nucleotidyltransferase activity; tRNA binding Biological Process: negative regulation of transport; regulation of translational fidelity
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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