DHRS7C Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DHRS7C, Polyclonal Antibody
Full Product Name	DHRS7C, ID (DHRS7C, Dehydrogenase/reductase SDR family member 7C) (MaxLight 490)
Product Gene Name	anti-DHRS7C antibody
Product Synonym Names	DHRS7C; Dehydrogenase/reductase SDR family member 7C
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	34,878 Da
Chromosome Location	Chromosome: 17; NC_000017.10 (9674751..9694894, complement). Location: 17p13.1
3D Structure	ModBase 3D Structure for A6NNS2
Immunogen	DHRS7C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 115-145 amino acids from the Central region of human DHRS7C.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-DHRS7C antibody	Antibodies; Enzymes; Dehydrogenase
Applications Tested/Suitable for anti-DHRS7C antibody	Immunohistochemistry (IHC), FLISA, Western Blot (WB)
Application Notes for anti-DHRS7C antibody	IHC: 1:10-50 FLISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-DHRS7C antibody	MaxLight490 is a new Blue-Green photostable dye conjugate comparable to DyLight488, Alexa Fluor488 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (491nm); Emission (515nm); Extinction Coefficient 73,000.
Other Notes	Small volumes of anti-DHRS7C 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 DHRS7C purchase	MBS6292075 is an antibody targeting DHRS7C. Also known as DHRS7C, ID (DHRS7C, Dehydrogenase/reductase SDR family member 7C) (MaxLight 490). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DHRS7C. It may not necessarily be applicable to this product.

NCBI GI #	333944028
NCBI GeneID	201140
NCBI Accession #	NP_001207422.1
UniProt Primary Accession #	A6NNS2
UniProt Secondary Accession #	B7ZW74
UniProt Related Accession #	A6NNS2
GenBank Nucleotide #	NM_001220493.1
NCBI Official Full Name	dehydrogenase/reductase SDR family member 7C isoform 1
NCBI Official Synonym Full Names	dehydrogenase/reductase (SDR family) member 7C
NCBI Official Symbol	DHRS7C
NCBI Official Synonym Symbols	SDR32C2
UniProt Protein Name	Dehydrogenase/reductase SDR family member 7C
Protein Family	Dehydrogenase/reductase SDR family
UniProt Gene Name	DHRS7C
UniProt Entry Name	DRS7C_HUMAN
NCBI Protein Information	dehydrogenase/reductase SDR family member 7C; short chain dehydrogenase/reductase family 32C, member 2
UniProt Comments for DHRS7C	DHRS7C: Putative oxidoreductase (Potential). Belongs to the short-chain dehydrogenases/reductases (SDR) family. Protein type: Secreted, signal peptide; EC 1.1.-.-; Oxidoreductase; Secreted Chromosomal Location of Human Ortholog: 17p13.1 Cellular Component: sarcoplasmic reticulum membrane; extracellular region Molecular Function: retinol dehydrogenase activity
Research Articles on DHRS7C	**1.** The expression of DHRS7c, a novel endo/sarcoplasmic reticulum-localized a short chain dehydrogenase/reductase, is inversely correlated with adrenergic stimulation and heart failure development.
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