IQCJ Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IQCJ, Polyclonal Antibody
Full Product Name	IQCJ, CT (IQCJ, IQ domain-containing protein J) (MaxLight 750)
Product Gene Name	anti-IQCJ antibody
Product Synonym Names	IQCJ; IQ domain-containing protein J
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
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: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	18,226 Da
OMIM	611622
3D Structure	ModBase 3D Structure for Q1A5X6
Immunogen	IQCJ antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 101-130 amino acids from the C-terminal region of human IQCJ.
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-IQCJ antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-IQCJ antibody	Flow Cytometry (FC/FACS), FLISA, Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-IQCJ antibody	FC/FACS: 1:10-50 FLISA: 1:1,000 IHC: 1:50-100 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-IQCJ antibody	MaxLight750 is a new Near IR stable dye conjugate comparable to DyLight750, Alexa Fluor700 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (759nm); Emission (780nm); Extinction Coefficient 240,000.
Product References and Citations for anti-IQCJ antibody	Martin, P.M., et al. J. Neurosci. 28(24):6111-6117(2008). Kwasnicka-Crawford, D.A., et al. Biochem. Biophys. Res. Commun. 350(4):890-899(2006).
Other Notes	Small volumes of anti-IQCJ 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 IQCJ purchase	MBS6310782 is an antibody targeting IQCJ. Also known as IQCJ, CT (IQCJ, IQ domain-containing protein J) (MaxLight 750). Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	111607465
NCBI GeneID	654502
NCBI Accession #	NP_001036170.1
UniProt Primary Accession #	Q1A5X6
UniProt Secondary Accession #	Q1A5X5; B7ZMM2; B9EH97
UniProt Related Accession #	Q1A5X6
GenBank Nucleotide #	NM_001042705.2
NCBI Official Full Name	IQ domain-containing protein J isoform CaMBPv1
NCBI Official Synonym Full Names	IQ motif containing J
NCBI Official Symbol	IQCJ
UniProt Protein Name	IQ domain-containing protein J
Protein Family	IQ domain-containing protein
UniProt Gene Name	IQCJ
UniProt Entry Name	IQCJ_HUMAN
NCBI Protein Information	IQ domain-containing protein J; calmodulin binding protein
UniProt Comments for IQCJ	IQCJ: 5 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 3q25.32
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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