SC65 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SC65, Polyclonal Antibody
Full Product Name	SC65, CT (LEPREL4, NOL55, SC65, Synaptonemal complex protein SC65, Leprecan-like protein 4, Nucleolar autoantigen No55) (MaxLight 490)
Product Gene Name	anti-SC65 antibody
Product Synonym Gene Name	LEPREL4
Product Synonym Names	LEPREL4; NOL55; SC65; Synaptonemal complex protein SC65; Leprecan-like protein 4; Nucleolar autoantigen No55
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	50,381 Da
Chromosome Location	Chromosome: 17; NC_000017.10 (39958204..39968881, complement). Location: 17q21.2
3D Structure	ModBase 3D Structure for Q92791
Immunogen	SC65 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 360-390 amino acids from the C-terminal region of human SC65.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-SC65 antibody	Antibodies; Neuroscience
Applications Tested/Suitable for anti-SC65 antibody	Western Blot (WB), FLISA
Application Notes for anti-SC65 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-SC65 antibody	This nucleolar protein was first characterized because it was an autoantigen in cases on interstitial cystitis. The protein, with a predicted molecular weight of 50 kDa, appears to be localized in the particulate compartment of the interphase nucleolus, with a distribution distinct from that of nucleolar protein B23. During mitosis it is associated with chromosomes.
Product References and Citations for anti-SC65 antibody	Foster, L.J., et al. J. Proteome Res. 5(1):64-75(2006). Fossa, A., et al. Br. J. Cancer 83(6):743-749(2000). Ochs, R.L., et al. Mol. Biol. Cell 7(7):1015-1024(1996).

Other Notes	Small volumes of anti-SC65 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 SC65 purchase	MBS6345190 is an antibody targeting SC65. Also known as SC65, CT (LEPREL4, NOL55, SC65, Synaptonemal complex protein SC65, Leprecan-like protein 4, Nucleolar autoantigen No55) (MaxLight 490). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SC65. It may not necessarily be applicable to this product.

NCBI GI #	5454038
NCBI GeneID	10609
NCBI Accession #	NP_006446.1
UniProt Primary Accession #	Q92791
UniProt Secondary Accession #	Q53GI6; Q9H4F6
UniProt Related Accession #	Q92791
GenBank Nucleotide #	NM_006455.2
NCBI Official Full Name	synaptonemal complex protein SC65
NCBI Official Synonym Full Names	leprecan-like 4
NCBI Official Symbol	LEPREL4
NCBI Official Synonym Symbols	NO55; SC65; NOL55
UniProt Protein Name	Synaptonemal complex protein SC65
UniProt Synonym Protein Names	Leprecan-like protein 4; Nucleolar autoantigen No55
Protein Family	Synaptonemal complex protein
UniProt Gene Name	LEPREL4
UniProt Synonym Gene Names	NOL55; SC65
UniProt Entry Name	SC65_HUMAN
NCBI Protein Information	synaptonemal complex protein SC65; leprecan-like protein 4; nucleolar autoantigen No55; nucleolar autoantigen (55kD); nucleolar autoantigen, 55kDa
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.

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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/sc65/6345190