POC1A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	POC1A, Polyclonal Antibody
Full Product Name	POC1A Rabbit pAb
Product Gene Name	anti-POC1A antibody
Product Synonym Names	PIX2; SOFT; WDR51A
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	45kDa
OMIM	AK075289 mRNA
3D Structure	ModBase 3D Structure for Q8NBT0
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 138-407 of human POC1A (NP_056241.3).
Cellular Localization	Cell Projection, Cytoplasm, Cytoskeleton
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-POC1A antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-POC1A antibody	WB: 1:500-1:2000 IHC: 1:50-1:200
Related Product Information for anti-POC1A antibody	Plays an important role in centriole assembly and/or stability and ciliogenesis. Involved in early steps of centriole duplication, as well as in the later steps of centriole length control. Acts in concert with POC1B to ensure centriole integrity and proper mitotic spindle formation.
Other Notes	Small volumes of anti-POC1A 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 POC1A purchase	MBS8546834 is an antibody targeting POC1A. Also known as POC1A Rabbit pAb. Reactive in Human, Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for POC1A. It may not necessarily be applicable to this product.

NCBI GI #	239787760
NCBI Accession #	NP_001155052.1

UniProt Primary Accession #	Q8NBT0
GenBank Nucleotide #	NP_001155052.1
NCBI Official Full Name	POC1 centriolar protein homolog A isoform 2
UniProt Protein Name	POC1 centriolar protein homolog A
UniProt Synonym Protein Names	Pix2; Proteome of centriole protein 1A; WD repeat-containing protein 51A
Protein Family	POC1 centriolar protein
UniProt Gene Name	POC1A
UniProt Synonym Gene Names	WDR51A
UniProt Comments for POC1A	WDR51A: POC1 proteins contain an N-terminal WD40 domain and a C-terminal coiled coil domain and are part of centrosomes. They play an important role in basal body and cilia formation. This gene encodes one of the two POC1 proteins found in humans. Mutations in this gene result in short stature, onychodysplasia, facial dysmorphism, and hypotrichosis (SOFT) syndrome. [provided by RefSeq, Sep 2012] Chromosomal Location of Human Ortholog: 3p21.2 Cellular Component: centriole; centrosome; spindle pole Molecular Function: protein binding Biological Process: mitotic spindle organization and biogenesis; spermatogenesis Disease: Short Stature, Onychodysplasia, Facial Dysmorphism, And Hypotrichosis
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-mouse-rat-antibody/poc1a/8546834