CYP74A2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CYP74A2, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. japonica (Rice) CYP74A2 Polyclonal Antibody
Product Gene Name	anti-CYP74A2 antibody
Product Synonym Names	CYP74A2 Antibody; Allene oxide synthase 2; EC 4.2.1.92; Cytochrome P450 74A2; Hydroperoxide dehydrase 2; CYP74A2 AOS2 Os03g0225900 LOC_Os03g12500 OSJNBa0081P02.18
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Oryza sativa subsp. japonica (Rice)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	52,271 Da
3D Structure	ModBase 3D Structure for Q7XYS3
Immunogen	Recombinant Oryza sativa subsp. japonica (Rice) CYP74A2 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CYP74A2 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-CYP74A2 antibody	MBS9000453 is an antibody targeting CYP74A2. Also known as Rabbit anti-Oryza sativa subsp. japonica (Rice) CYP74A2 Polyclonal Antibody. Reactive in Oryza sativa subsp. japonica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-CYP74A2 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CYP74A2. It may not necessarily be applicable to this product.

NCBI GI #	1002249176
NCBI GeneID	4332121
NCBI Accession #	XP_015628763.1
UniProt Primary Accession #	Q7XYS3
UniProt Secondary Accession #	Q10PQ1; Q8H7R3; Q8VZX5; Q940D7

UniProt Related Accession #	Q7XYS3
GenBank Nucleotide #	XM_015773277.1
NCBI Official Full Name	allene oxide synthase 2
NCBI Official Symbol	LOC4332121
NCBI Official Synonym Symbols	AOS; AOS2; CYP74A2
UniProt Protein Name	Allene oxide synthase 2
UniProt Synonym Protein Names	Cytochrome P450 74A2; Hydroperoxide dehydrase 2
Protein Family	Allene oxide synthase
UniProt Gene Name	CYP74A2
UniProt Synonym Gene Names	AOS2
NCBI Protein Information	allene oxide synthase 2
UniProt Comments for CYP74A2	Involved in the biosynthesis of jasmonic acid, a growth regulator that is implicated also as a signaling molecule in plant defense. Converts 13-hydroperoxylinolenic acid to 12,13-epoxylinolenic acid.
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-antibody/cyp74a2/9000453