LOX1.2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LOX1.2, Polyclonal Antibody
Full Product Name	Rabbit anti-Solanum tuberosum (Potato) LOX1.2 Polyclonal Antibody
Product Gene Name	anti-LOX1.2 antibody
Product Synonym Names	LOX1.2 Antibody; Linoleate 9S-lipoxygenase 2; EC 1.13.11.58; Lipoxygenase 1-2; LOX1.2 LOX1 T8
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Solanum tuberosum (Potato)
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	97,067 Da
3D Structure	ModBase 3D Structure for O24379
Immunogen	Recombinant Solanum tuberosum (Potato) LOX1.2 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-LOX1.2 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-LOX1.2 antibody	MBS7180336 is an antibody targeting LOX1.2. Also known as Rabbit anti-Solanum tuberosum (Potato) LOX1.2 Polyclonal Antibody. Reactive in Solanum tuberosum (Potato). Host: Rabbit.
Other Notes	Small volumes of anti-LOX1.2 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 LOX1.2. It may not necessarily be applicable to this product.

NCBI GI #	568214515
NCBI GeneID	102602192
NCBI Accession #	NP_001275357.1
UniProt Primary Accession #	O24379
UniProt Related Accession #	O24379

GenBank Nucleotide #	NM_001288428.1
NCBI Official Full Name	linoleate 9S-lipoxygenase 2
NCBI Official Symbol	LOC102602192
NCBI Official Synonym Symbols	lox; LOX1; LOX1.2
UniProt Protein Name	Linoleate 9S-lipoxygenase 2
UniProt Synonym Protein Names	Lipoxygenase 1-2
Protein Family	Linoleate 9S-lipoxygenase
UniProt Gene Name	LOX1.2
UniProt Synonym Gene Names	LOX1; T8
NCBI Protein Information	linoleate 9S-lipoxygenase 2
UniProt Comments for LOX1.2	Plant lipoxygenases may be involved in a number of diverse aspects of plant physiology including growth and development, pest resistance, and senescence or responses to wounding. Catalyzes the hydroperoxidation of lipids containing a cis,cis-1,4-pentadiene structure. Linoleic acid is the preferred substrate, but is also active with linolenic and arachidonic acids.
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/lox1-2/7180336