LOX1.4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LOX1.4, Polyclonal Antibody
Full Product Name	Rabbit anti-Solanum tuberosum (Potato) LOX1.4 Polyclonal Antibody
Product Gene Name	anti-LOX1.4 antibody
Product Synonym Names	LOX1.4 Antibody; Probable linoleate 9S-lipoxygenase 4; EC 1.13.11.58; Root lipoxygenase; LOX1.4 POTLX-2
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	96,969 Da
3D Structure	ModBase 3D Structure for Q43190
Immunogen	Recombinant Solanum tuberosum (Potato) LOX1.4 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-LOX1.4 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-LOX1.4 antibody	MBS7194371 is an antibody targeting LOX1.4. Also known as Rabbit anti-Solanum tuberosum (Potato) LOX1.4 Polyclonal Antibody. Reactive in Solanum tuberosum (Potato). Host: Rabbit.
Other Notes	Small volumes of anti-LOX1.4 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 LOX1.4. It may not necessarily be applicable to this product.

NCBI GI #	972780798
NCBI GeneID	102602528
NCBI Accession #	NP_001305607.1
UniProt Primary Accession #	Q43190
UniProt Related Accession #	Q41238; Q43190

GenBank Nucleotide #	NM_001318678.1
NCBI Official Full Name	linoleate 9S-lipoxygenase 6-like
NCBI Official Symbol	LOC102602528
NCBI Official Synonym Symbols	LOX; LOX1.4; LOX1.6; StLOX1; POTLX-2; lox1:St:3
UniProt Protein Name	Probable linoleate 9S-lipoxygenase 4
UniProt Synonym Protein Names	Root lipoxygenase
Protein Family	Seed linoleate 9S-lipoxygenase
UniProt Gene Name	LOX1.4
UniProt Synonym Gene Names	POTLX-2
NCBI Protein Information	LOW QUALITY PROTEIN: linoleate 9S-lipoxygenase 6-like; linoleate 9S-lipoxygenase 6-like
UniProt Comments for LOX1.4	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.
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