LOX1.6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LOX1.6, Polyclonal Antibody
Full Product Name	Rabbit anti-Solanum tuberosum (Potato) LOX1.6 Polyclonal Antibody
Product Gene Name	anti-LOX1.6 antibody
Product Synonym Names	LOX1.6 Antibody; Linoleate 9S-lipoxygenase 6; EC 1.13.11.58; Lipoxygenase 1-5; StLOX1; lox1:St:3; Fragment; LOX1.6
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	96,586 Da
3D Structure	ModBase 3D Structure for Q41238
Immunogen	Recombinant Solanum tuberosum (Potato) LOX1.6 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-LOX1.6 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-LOX1.6 antibody	MBS7194080 is an antibody targeting LOX1.6. Also known as Rabbit anti-Solanum tuberosum (Potato) LOX1.6 Polyclonal Antibody. Reactive in Solanum tuberosum (Potato). Host: Rabbit.
Other Notes	Small volumes of anti-LOX1.6 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 LOX1.6. It may not necessarily be applicable to this product.

NCBI GI #	75282198
NCBI GeneID	102602528
NCBI Accession #	Q41238.1
UniProt Primary Accession #	Q41238
UniProt Related Accession #	Q41238; Q43190

NCBI Official Full Name	Linoleate 9S-lipoxygenase 6
NCBI Official Symbol	LOC102602528
NCBI Official Synonym Symbols	LOX; LOX1.4; LOX1.6; StLOX1; POTLX-2; lox1:St:3
UniProt Protein Name	Linoleate 9S-lipoxygenase 6
UniProt Synonym Protein Names	Lipoxygenase 1-5; StLOX1; lox1:St:3
Protein Family	Linoleate 9S-lipoxygenase
UniProt Gene Name	LOX1.6
UniProt Synonym Gene Names	StLOX1; lox1:St:3
NCBI Protein Information	LOW QUALITY PROTEIN: linoleate 9S-lipoxygenase 6-like; linoleate 9S-lipoxygenase 6-like
UniProt Comments for LOX1.6	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 and linolenic acids are the preferred substrates, but is also active with arachidonic acid. The products are almost exclusively the S enantiomers.
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Online datasheet: https://www.mybiosource.com/polyclonal-antibody/lox1-6/7194080