CAD8B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CAD8B, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. japonica (Rice) CAD8B Polyclonal Antibody
Product Gene Name	anti-CAD8B antibody
Product Synonym Names	CAD8B Antibody; Probable cinnamyl alcohol dehydrogenase 8B; OsCAD8B; EC 1.1.1.195; CAD8B Os09g0400000 LOC_Os09g23540 P0435D08.29 P0650H04.11
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	45,575 Da
3D Structure	ModBase 3D Structure for Q6ERW9
Immunogen	Recombinant Oryza sativa subsp. japonica (Rice) CAD8B protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CAD8B antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-CAD8B antibody	MBS7196274 is an antibody targeting CAD8B. Also known as Rabbit anti-Oryza sativa subsp. japonica (Rice) CAD8B Polyclonal Antibody. Reactive in Oryza sativa subsp. japonica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-CAD8B 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 CAD8B. It may not necessarily be applicable to this product.

NCBI GI #	1002297601
NCBI GeneID	4346989
NCBI Accession #	XP_015612230.1
UniProt Primary Accession #	Q6ERW9
UniProt Secondary Accession #	A0A0P0XMA5

UniProt Related Accession #	Q6ERW9
GenBank Nucleotide #	XM_015756744.1
NCBI Official Full Name	probable cinnamyl alcohol dehydrogenase 8B
NCBI Official Symbol	LOC4346989
NCBI Official Synonym Symbols	CAD8B; OsCAD8B
UniProt Protein Name	Probable cinnamyl alcohol dehydrogenase 8B
Protein Family	Probable cinnamyl alcohol dehydrogenase
UniProt Gene Name	CAD8B
UniProt Synonym Gene Names	OsCAD8B
NCBI Protein Information	probable cinnamyl alcohol dehydrogenase 8B
UniProt Comments for CAD8B	Involved in lignin biosynthesis. Catalyzes the final step specific for the production of lignin monomers. Catalyzes the NADPH-dependent reduction of coniferaldehyde, 5-hydroxyconiferaldehyde, sinapaldehyde, 4-coumaraldehyde and caffeyl aldehyde to their respective alcohols.
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