# CAD8A Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | CAD8A, Polyclonal Antibody |
| **Full Product Name** | Rabbit anti-Oryza sativa subsp. japonica (Rice) CAD8A Polyclonal Antibody |
| **Product Gene Name** | anti-CAD8A antibody |
| **Product Synonym Names** | CAD8A Antibody; Probable cinnamyl alcohol dehydrogenase 8A; OsCAD8A; EC 1.1.1.195; CAD8A Os09g0399800 LOC_Os09g23530 P0435D08.27 P0650H04.9 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Oryza sativa subsp. japonica (Rice) |
| **Form/Format** | Liquid<br>Preservative: 0.03% Proclin 300<br>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** | 36,837 Da |
| **3D Structure** | ModBase 3D Structure for Q6ERX1 |
| **Immunogen** | Recombinant Oryza sativa subsp. japonica (Rice) CAD8A protein |
| **Conjugation** | Non-conjugate |
| **Modification** | Unmodified |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-CAD8A antibody** | ELISA (EIA), WB (Western Blot) (ensure identification of antigen) |
| **Related Product Information for anti-CAD8A antibody** | MBS7196126 is an antibody targeting CAD8A. Also known as Rabbit anti-Oryza sativa subsp. japonica (Rice) CAD8A Polyclonal Antibody. Reactive in Oryza sativa subsp. japonica (Rice). Host: Rabbit. |
| **Other Notes** | Small volumes of anti-CAD8A 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 CAD8A. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 1002294215 |
| **NCBI GeneID** | 4346988 |
| **NCBI Accession #** | XP_015651435.1 |
| **UniProt Primary Accession #** | Q6ERX1 |
| **UniProt Secondary Accession #** | A0A0P0XLT8 |

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| **UniProt Related Accession #** | Q6ERX1 |
| **GenBank Nucleotide #** | XM_015795949.1 |
| **NCBI Official Full Name** | probable cinnamyl alcohol dehydrogenase 8A |
| **NCBI Official Symbol** | LOC4346988 |
| **NCBI Official Synonym Symbols** | CAD8A; OsCAD8A; P0650H04.9 |
| **UniProt Protein Name** | Probable cinnamyl alcohol dehydrogenase 8A |
| **Protein Family** | Probable cinnamyl alcohol dehydrogenase |
| **UniProt Gene Name** | CAD8A |
| **UniProt Synonym Gene Names** | OsCAD8A |
| **NCBI Protein Information** | probable cinnamyl alcohol dehydrogenase 8A |
| **UniProt Comments for CAD8A** | 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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