PRX112 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PRX112, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. japonica (Rice) PRX112 Polyclonal Antibody
Product Gene Name	anti-PRX112 antibody
Product Synonym Names	PRX112 Antibody; Peroxidase 2; EC 1.11.1.7; PRX112 POXGX9 Os07g0677300 LOC_Os07g48030 OJ1167_G06.126 OJ1409_C08.1 OsJ_25570
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	32,606 Da
3D Structure	ModBase 3D Structure for Q0D3N0
Immunogen	Recombinant Oryza sativa subsp. japonica (Rice) PRX112 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PRX112 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-PRX112 antibody	MBS7189213 is an antibody targeting PRX112. Also known as Rabbit anti-Oryza sativa subsp. japonica (Rice) PRX112 Polyclonal Antibody. Reactive in Oryza sativa subsp. japonica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-PRX112 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 PRX112. It may not necessarily be applicable to this product.

NCBI GI #	1002286393
NCBI GeneID	4344279
NCBI Accession #	XP_015647501.1
UniProt Primary Accession #	Q0D3N0
UniProt Secondary Accession #	O22441; P37835; Q7F1U3; B7EMF5

UniProt Related Accession #	Q0D3N0
GenBank Nucleotide #	XM_015792015.1
NCBI Official Full Name	peroxidase 2
NCBI Official Symbol	LOC4344279
NCBI Official Synonym Symbols	POXGX9; PRX112; peroxidase; OJ1409_C08.1; OJ1167_G06.126
UniProt Protein Name	Peroxidase 2
UniProt Gene Name	PRX112
UniProt Synonym Gene Names	POXGX9
NCBI Protein Information	peroxidase 2
UniProt Comments for PRX112	Removal of H2O2, oxidation of toxic reductants, biosynthesis and degradation of lignin, suberization, auxin catabolism, response to environmental stresses such as wounding, pathogen attack and oxidative stress. These functions might be dependent on each isozyme/isoform in each plant tissue.
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