PXG Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PXG, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. indica (Rice) PXG Polyclonal Antibody
Product Gene Name	anti-PXG antibody
Product Synonym Names	PXG Antibody; Peroxygenase; EC 1.11.2.3; PXG EFA27 OsI_16610
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Oryza sativa subsp. indica (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	27,414 Da
3D Structure	ModBase 3D Structure for A2XVG1
Immunogen	Recombinant Oryza sativa subsp. indica (Rice) PXG protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PXG antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-PXG antibody	MBS7167727 is an antibody targeting PXG. Also known as Rabbit anti-Oryza sativa subsp. indica (Rice) PXG Polyclonal Antibody. Reactive in Oryza sativa subsp. indica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-PXG 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 PXG. It may not necessarily be applicable to this product.

NCBI GI #	378522582
NCBI Accession #	A2XVG1.1
UniProt Primary Accession #	A2XVG1
UniProt Secondary Accession #	Q40679
NCBI Official Full Name	Peroxygenase

UniProt Protein Name	Peroxygenase
Protein Family	Peroxygenase
UniProt Gene Name	PXG
UniProt Synonym Gene Names	EFA27
UniProt Comments for PXG	Calcium-binding peroxygenase involved in the degradation of storage lipid in oil bodies. May be involved in the interaction between oil bodies and vacuoles during seed germination and in the oxylipin signaling pathways and plant defense responses. Can catalyze sulfoxidation of thiobenzamide, hydroxylation of aniline and epoxidation of oleic acid.
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Online datasheet: https://www.mybiosource.com/polyclonal-antibody/pxg/7167727