CHT2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Cht2, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. japonica (Rice) Cht2 Polyclonal Antibody
Product Gene Name	anti-Cht2 antibody
Product Synonym Names	Cht2 Antibody; Chitinase 2; EC 3.2.1.14; Class I chitinase b; OsChia1b; Pathogenesis related; PR)-3 chitinase 2; Cht2 RC7 Os05g0399300 LOC_Os05g33130 OsJ_18467
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	35,587 Da
3D Structure	ModBase 3D Structure for Q7DNA1
Immunogen	Recombinant Oryza sativa subsp. japonica (Rice) Cht2 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-Cht2 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-Cht2 antibody	MBS7197494 is an antibody targeting Cht2. Also known as Rabbit anti-Oryza sativa subsp. japonica (Rice) Cht2 Polyclonal Antibody. Reactive in Oryza sativa subsp. japonica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-Cht2 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 Cht2. It may not necessarily be applicable to this product.

NCBI GI #	1002272260
NCBI GeneID	4338718
NCBI Accession #	XP_015640432.1
UniProt Primary Accession #	Q7DNA1
UniProt Secondary Accession #	Q0DID3; Q43294

UniProt Related Accession #	Q7DNA1
GenBank Nucleotide #	XM_015784946.1
NCBI Official Full Name	chitinase 2
NCBI Official Symbol	LOC4338718
NCBI Official Synonym Symbols	RC7; Cht2; Cht-2; OsChia1b; OsJ_18467; chitinase
UniProt Protein Name	Chitinase 2
UniProt Synonym Protein Names	Class I chitinase b; OsChia1b; Pathogenesis related (PR)-3 chitinase 2
Protein Family	Probable chitinase
UniProt Gene Name	Cht2
UniProt Synonym Gene Names	RC7; OsChia1b
NCBI Protein Information	chitinase 2
UniProt Comments for Cht2	Hydrolyzes chitin and plays a role in defense against fungal pathogens containing chitin. Its overexpression confers enhanced resistance to sheath blight pathogen (R.solani).
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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