SWEET14 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SWEET14, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. japonica (Rice) SWEET14 Polyclonal Antibody
Product Gene Name	anti-SWEET14 antibody
Product Synonym Names	SWEET14 Antibody; Bidirectional sugar transporter SWEET14; OsSWEET14; SWEET14 Os11N3 Os11g0508600 LOC_Os11g31190 OsJ_34008
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	32,701 Da
3D Structure	ModBase 3D Structure for Q2R3P9
Immunogen	Recombinant Oryza sativa subsp. japonica (Rice) SWEET14 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SWEET14 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-SWEET14 antibody	MBS7192828 is an antibody targeting SWEET14. Also known as Rabbit anti-Oryza sativa subsp. japonica (Rice) SWEET14 Polyclonal Antibody. Reactive in Oryza sativa subsp. japonica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-SWEET14 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 SWEET14. It may not necessarily be applicable to this product.

NCBI GI #	1002304357
NCBI GeneID	4350572
NCBI Accession #	XP_015615538.1
UniProt Primary Accession #	Q2R3P9
UniProt Secondary Accession #	A0A0P0Y2E6

GenBank Nucleotide #	XM_015760052.1
NCBI Official Full Name	bidirectional sugar transporter SWEET14
NCBI Official Symbol	LOC4350572
UniProt Protein Name	Bidirectional sugar transporter SWEET14
Protein Family	Bidirectional sugar transporter
UniProt Gene Name	SWEET14
UniProt Synonym Gene Names	Os11N3; OsSWEET14
UniProt Entry Name	SWT14_ORYSJ
NCBI Protein Information	bidirectional sugar transporter SWEET14; Os11g0508600
UniProt Comments for SWEET14	Mediates both low-affinity uptake and efflux of sugar across the plasma membrane.
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Online datasheet: https://www.mybiosource.com/polyclonal-antibody/sweet14/7192828