
Product Information

Product SKU:	CAB20630	Gene ID:	4346153	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Oryza sativa

Additional Information

Observed MW:	40kDa	Conjugate:	Unconjugated
Calculated MW:	33kDa	Isotype:	IgG

Immunogen Information

Background:	Mediates both low-affinity uptake and efflux of sugar across the plasma membrane. Required for pollen viability. Involved in the transport of copper, in cooperation with COPT1 and COPT2. Confers sensitivity to bacterial blight mediated by <i>X.oryzae</i> pv. <i>oryzae</i> (Xoo) in its Xa13 allelic form (e.g. cv. IR24), probably by providing the sugar required for the pathogen growth, or by reducing copper contents in xylem. However, a recessive resistance can be associated with the xa13 allele (in which the promoter is mutated leading to reduced induction upon pathogen infection, e.g. cv. IRBB13), specifically toward Xoo Philippine race 6 and Indian race PXO8.
Recommended Dilution:	WB, 1:500 - 1:2000
Synonyms:	XA13; Os8N3; SWEET11; OsJ_28080; OsSWEET11; Xa13
Purification Method:	Affinity purification
Immunogen:	Recombinant protein of <i>Oryza sativa</i> Xa13.
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.