

Anti-Alpha-amylase, N-terminal antibody

Catalog: PHY4236S

Product Information

Description:	Rabbit polyclonal antibody
Background:	α -Amylases are hydrolytic enzymes responsible for the mobilization of the starch into metabolizable sugars. It can hydrolyze alpha bonds of large, alpha-linked polysaccharides, such as starch and glycogen, yielding glucose and maltose. This process provides the energy for the growth of roots and shoots and is crucial during germination of cereal seeds.
Synonyms:	AMY1.1, RAmY1A
Immunogen:	KLH-conjugated synthetic peptide (15 aa from N terminal section) derived from <i>Oryza sativa</i> AMY1.1 (Os02g0765600).
Form:	Lyophilized
Quantity:	50 μ g
Purification:	Serum
Reconstitution:	Reconstitution with 50 μ l of sterile water. "Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube".
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 $^{\circ}$ C as supplied. 6 months, -20 to -70 $^{\circ}$ C under sterile conditions after reconstitution. 1 month, 2 to 8 $^{\circ}$ C under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4 $^{\circ}$ C. Upon receipt, store it immediately at the temperature recommended above.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	48 kDa
Predicted Reactivity:	For more species homologues information, please contact tech support at tech@phytoab.com .

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