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Datasheet for ABIN619546
anti-Amylase, alpha antibody

1 Image

Overview

Quantity:	100 µL
Target:	Amylase, alpha (AMY)
Reactivity:	Oryza sativa
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Amylase, alpha antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH-conjugated synthetic peptide derived from known Oryza sativa P17654
Cross-Reactivity (Details):	No cross-reactivity with: Pinus strobus
Predicted Reactivity:	cereals
Characteristics:	Expected / apparent Molecular Weight of the Antigene: 43-48 kDa (depending upon the isoform)
Purification:	serum

Target Details

Target:	Amylase, alpha (AMY)
Alternative Name:	alpha-Amylase (AMY Products)
Background:	α-Amylases are hydrolytic enzymes responsible for the mobilization of the starch into metabolizable sugars. This process provides the energy for the growth of roots and shoots and

Target Details

is crucial during germination of cereal seeds. These enzymes are coded by a multigene family and even though other amylolytic enzymes participate in the process of starch breakdown, the contribution of α -amylase is the prerequisite for the initiation of this process.

Molecular Weight: 43-48 kDa (depending upon the isoform)

UniProt: [P17654](#)

Application Details

Application Notes: Recommended Dilution: 1 : 5000 with standard ECL (WB)

Restrictions: For Research Use only

Handling

Format: Lyophilized

Images

Western Blotting

Image 1.

