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Datasheet for ABIN4966398

anti-Fertilization-Independent Endosperm antibody

Overview

Quantity:	50 µg
Target:	Fertilization-Independent Endosperm (FIE)
Reactivity:	Arabidopsis thaliana
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH-conjugated synthetic peptide derived from Arabidopsis thaliana FIE protein sequence, UniProt: Q9LT47, TAIR: At3g20740
Cross-Reactivity (Details):	Not reactive in: no confirmed exceptions from predicted reactivity are currently known
Predicted Reactivity:	Arabidopsis thaliana, Triticum aestivum

Target Details

Target:	Fertilization-Independent Endosperm (FIE)
Alternative Name:	fertilization-independent endosperm (FIE)
Background:	FIE (fertilization-independent endosperm) belongs to polycomb group (PcG) protein which act by forming multiprotein complexes, required to maintain the transcriptionally repressive state of homeotic genes throughout development. PcG proteins are not required to initiate repression, but to maintain it during later stages of development.
Molecular Weight:	41 kDa

Target Details

UniProt: [Q9LT47](#)

Application Details

Application Notes: 1 : 1000 with ECL (WB)

Comment: This antibody so far has been confirmed to detect recombinant FIE protein, GFP-tagged. Optimization of protein extraction and detection using most sensitive reagents may result in recognition of endogenous FIE.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: For reconstitution add 50 µL of sterile water.

Storage: -20 °C

Storage Comment: store lyophilized/reconstituted at -20°C, once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.