

Datasheet for ABIN4889056
anti-TFL2 antibody (C-Term)



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Overview

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|----------------------|-------------------------------------|
| Quantity: | 100 µg |
| Target: | TFL2 |
| Binding Specificity: | C-Term |
| Reactivity: | Arabidopsis thaliana |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TFL2 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

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|---------------|--|
| Immunogen: | Synthetic peptide derived from a C terminal domain of Chromo domain-containing protein LHP1 from Arabidopsis thaliana. |
| Specificity: | Reacts with Chromo domain-containing protein LHP1 Arabidopsis thaliana (Mouse-ear cress) |
| Purification: | Purified (protein A) |

Target Details

| | |
|-------------------|---|
| Target: | TFL2 |
| Alternative Name: | Chromo Domain-Containing Protein LHP1 (TFL2 Products) |
| Background: | Structural component of heterochromatin involved in gene repression, including several floral homeotic genes and FLT that regulates flowering time. Required for maintenance of vernalization-induced repression of FLC. As part of the PRC1-like complex, recognizes and |

Target Details

binds histone H3 tails methylated at 'Lys-9' (H3K9me) and 'Lys-27' (H3K27me), leading to epigenetic repression. PcG PRC1 complex maintains the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones, rendering chromatin heritably changed in its expressibility

UniProt: [Q946J8](#)

Pathways: [Photoperiodism](#)

Application Details

Application Notes: Working dilution: Optimal dilutions should be determined by the end user.
The following are guidelines only:
- WB : 1/500 to 1/5 000

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Must be reconstituted in distilled water.

Concentration: 1 mg/mL

Buffer: Tris 0,1M, glycine 0,1M, sucrose 2 %

Storage: 4 °C/-20 °C

Storage Comment: Lyophilized powder stable for a minimum of 2 years at -20°C. Store reconstituted antibodies at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt.

Expiry Date: 24 months