

FT/TSF | Flowering locus T and twin sister of FT

Cat PA00718

Size 50 µg

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

Arabidopsis thaliana, Oryza sativa

Immunogen

KLH-conjugated synthetic peptide derived from A.thaliana FT protein sequence(Q9SXZ2, At1g65480); please note that this antibody will cross-react with the highly homologous TSF (twin sister of FT) protein

Host

Rabbit

Clonality

Polyclonal

Purity

Immunogen affinity purified serum in PBS pH 7.4.

Format

Lyophilized

Reconstitution

For reconstitution add 50 µl of sterile water

Storage

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

Application

Western blot (WB)

Recommended dilution

1 : 1000 (WB)

Expected | apparent MW

20 | 20 kDa (Arabidopsis thaliana)

Confirmed reactivity

Arabidopsis thaliana, Oryza sativa

Predicted reactivity

Betula luminifera, Brassica napus, Brassica oleracea, Brassica rapa, Eucalyptus sp., Hordeum vulgare, Jatropha curcas, Nicotiana tabacum, Persea americana var. americana, Populus tomentosa, Solanum tuberosum, Zea mays

Not reactive in

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Pisum sativum

Additional information

Note that detection for this product is limited by target threshold level

Description

In angiosperms, the 20 kDa protein FT(encoded by the flowering locus T) promotes flowering under long day conditions. Studies have shown that it is expressed in the leaves and then transported to the apical meristem, contributing to the start of flowering.

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