

FIT Rabbit pAb

Catalog No.: A18267

Basic Information

Observed MW

Refer to figures

Calculated MW

36kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Arabidopsis thaliana

Background

Encodes a putative transcription factor that regulates iron uptake responses. mRNA is detected in the outer cell layers of the root and accumulates in response to iron deficiency. The expression of many iron-regulated genes is dependent on FIT1. It specifically regulates FRO2 at the level of mRNA accumulation and IRT1 at the level of protein accumulation. Similar to FER in tomato and is a regulator of iron uptake. It is post-transcriptionally controlled.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

817362

Swiss Prot

Q0V7X4

Immunogen

Recombinant protein of human FIT.

Synonyms

ARABIDOPSIS FE-DEFICIENCY INDUCED TRANSCRIPTION FACTOR 1; ATBHLH029; ATBHLH29; ATFIT1; BASIC HELIX-LOOP-HELIX PROTEIN 29; BHLH029; F24D13.5; F24D13_5; FE-DEFICIENCY INDUCED TRANSCRIPTION FACTOR 1; FER-like regulator of iron uptake; FIT1; FIT

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.