

A20725

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## PIF4 Rabbit pAb

Catalog No.: A20725

3 Publications

### Basic Information

#### Observed MW

55kDa

#### Calculated MW

48kDa

#### Category

Polyclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Arabidopsis thaliana

### Background

Isolated as a semidominant mutation defective in red -light responses. Encodes a nuclear localized bHLH protein that interacts with active PhyB protein. Negatively regulates phyB mediated red light responses. Involved in shade avoidance response. Protein abundance is negatively regulated by PhyB.

### Recommended Dilutions

WB 1:500 - 1:1000

### Immunogen Information

#### Gene ID

818903

#### Swiss Prot

Q8W2F3

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 300-400 of arabidopsis thaliana PIF4 (NP\_565991.2).

#### Synonyms

AtPIF4; MFL8.13; MFL8\_13; phytochrome interacting factor 4; SRL2; PIF4

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

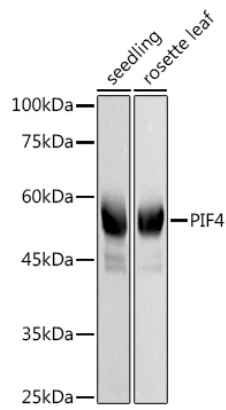
#### Storage

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

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of various tissues from *Arabidopsis thaliana*, using PIF4 Rabbit pAb (A20725) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.