

A21960

Leader in Biomolecular Solutions for Life Science



## TIFY10A Rabbit pAb

Catalog No.: A21960

### Basic Information

#### Observed MW

32kDa

#### Calculated MW

28kDa

#### Category

Polyclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Arabidopsis thaliana

### Background

JAZ1 is a nuclear-localized protein involved in jasmonate signaling. JAZ1 transcript levels rise in response to a jasmonate stimulus. JAZ1 can interact with the COI1 F-box subunit of an SCF E3 ubiquitin ligase in a yeast-two-hybrid assay only in the presence of jasmonate-isoleucine (JA-ILE) or coronatine. Application of jasmonate methyl ester to Arabidopsis roots reduces the levels of a JAZ1:GUS fusion protein, presumably by stimulating ubiquitin-proteasome-mediated degradation. The Jas domain appears to be important for JAZ1-COI1 interactions in the presence of coronatine. Two positive residues (R205 and R206) in the Jas domain shown to be important for coronatine -dependent COI1 binding are not required for binding AtMYC2.

### Recommended Dilutions

WB 1:500 - 1:1000

### Immunogen Information

#### Gene ID

838501

#### Swiss Prot

Q9LMA8

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 154-253 of arabidopsis thaliana TIFY10A (NP\_564075.1).

#### Synonyms

AtJAZ1; jasmonate-zim-domain protein 1; T29M8.5; T29M8\_5; TIFY10A

### Contact



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

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

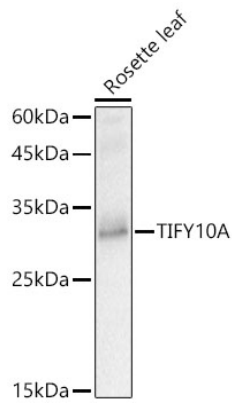
#### Storage

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

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

## Validation Data

---



Western blot analysis of lysates from Rosette leaf, using TIFY10A Rabbit pAb (A21960) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.