RGL3 Rabbit pAb

Catalog NO.: A22552

Basic Information

Observed MW
62kDa

Calculated MW

Category
Polyclonal Antibodies

Applications
WB, ELISA

Cross-Reactivity
Arabidopsis thaliana

Conjugation
Unconjugated

Background

Encodes a DELLA subfamily member that acts as a negative regulator of GA signaling and as a coactivator of ABI3 to promote seed storage protein biosynthesis during the seed maturation stage. Involved in hyperosmotic salinity response, jasmonic acid mediated signaling pathway, negative regulation of gibberellic acid mediated signaling pathway, negative regulation of seed germination, regulation of DNA-templated transcription, regulation of reactive oxygen species metabolic process, regulation of seed dormancy process, response to abscisic acid, response to ethylene, salicylic acid mediated signaling pathway.

Recommended Dilutions

WB	1:100 - 1:500

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID **Swiss Prot**

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

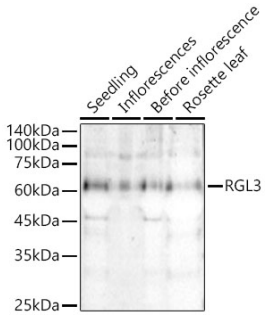
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of extracts of various tissues from Arabidopsis thaliana, using RGL3 Rabbit pAb (A22552) at 1:500 dilution.
Secondary antibody: HRP-conjugated 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: 90s.

For research use only. Not for therapeutic or diagnostic purposes.

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