OsRACK1A Rabbit pAb

Catalog NO.: A19140

Basic Information

Observed MW
36kDa

Calculated MW
36kDa

Category
Polyclonal Antibodies

Applications
WB, ELISA

Cross-Reactivity
Oryza sativa

Conjugation
Unconjugated

Background

Component of the RACK1 regulatory proteins that functions in innate immunity by interacting with multiple proteins in the RAC1 immune complex. Acts as positive regulator of reactive oxygen species (ROS) production and is required for resistance against rice blast (M.grisea) infection.

Recommended Dilutions

WB 1:500 - 1:2000

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

Immunogen Information

Gene ID
4324115

Swiss Prot
P49027

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

Synonyms
RWD; GPB-LR; RACK1A; OsRACK1A

Contact

Product Information

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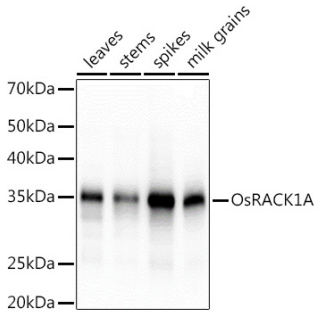
Source
Rabbit

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 the japonica rice (Oryza sativa L.) variety Zhonghua 11, using OsRACK1A Rabbit pAb (A19140) at 1:1000 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: 10s.

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

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