

OsNRT2.3 Rabbit pAb

Catalog No.: A20571

Basic Information

Observed MW

53/55 kDa

Calculated MW

55kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Oryza sativa

Background

Involved in nitrate transport, but does not seem to be able to mediate transport by its own. Acts as a dual component transporter with NAR2.1. Imports nitrate with high affinity when expressed with NAR2.1 in a heterologous system (*Xenopus oocytes*). Plays a key role in long-distance nitrate transport from root to shoot particularly at low external nitrate supply

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4340170

Swiss Prot

Q94JG1

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 386-486 of *Oryza sativa* OsNRT2.3. (Q94JG1).

Synonyms

MPK1; sipk; MAPK6; OsSIPK; OsMAPK6; OsNRT2.3

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

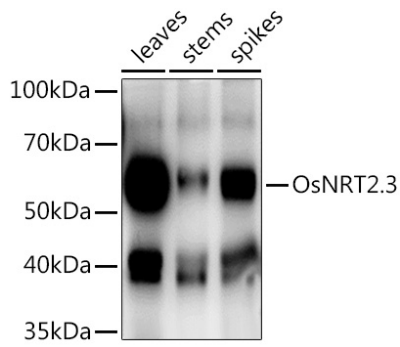
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of various tissues from the japonica rice (*Oryza sativa* L.) variety Zhonghua 11, using OsNRT2.3 Rabbit pAb (A20571) 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 Enhanced Kit (RM00021).

Exposure time: 30s.