

Chalk5 Rabbit pAb

Catalog No.: A20705

Basic Information

Observed MW

70kDa

Calculated MW

79kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Oryza sativa

Background

Chalk5 encodes a vacuolar H⁺-translocating pyrophosphatase influencing grain chalkiness in rice.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4337864

Swiss Prot

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of Oryza sativa Chalk5. (Q75M03).

Synonyms

Chalk5

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

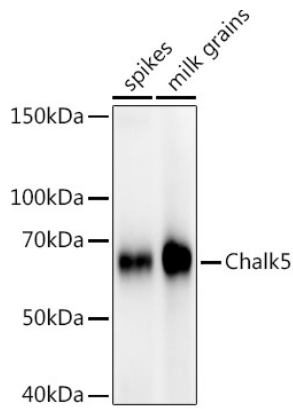
Affinity purification

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 extracts of various tissues from the japonica rice (*Oryza sativa* L.) variety Zhonghua 11, using Chalk5 Rabbit pAb (A20705) 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: 3s.