

ZIP4 Rabbit pAb

Catalog No.: A20588

Basic Information

Observed MW

103kDa

Calculated MW

103kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Oryza sativa

Background

Required for crossover formation, complete synapsis of homologous chromosomes and bivalent formation during meiosis. Is specific to recombination events resulting in interference-sensitive crossovers (class I meiotic crossover) and works cooperatively with MER3 to promote crossovers.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4324913

Swiss Prot

Q5N829

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of Oryza sativa ZIP4 (Q5N829).

Synonyms

ZIP4; OsZIP4; Osj_04366; B1078G07.1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

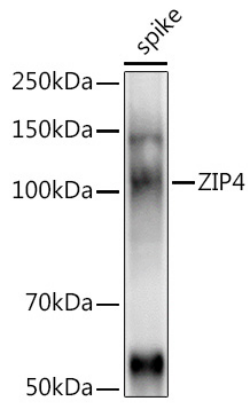
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 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 ZIP4 Rabbit pAb (A20588) 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: 60s.