

A20588

Leader in Biomolecular Solutions for Life Science



ZIP4 Rabbit pAb

Catalog No.: A20588

Basic Information

Observed MW

103kDa

Calculated MW

103kDa

Category

Polyclonal Antibody

Applications

WB,ELISA

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

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

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



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

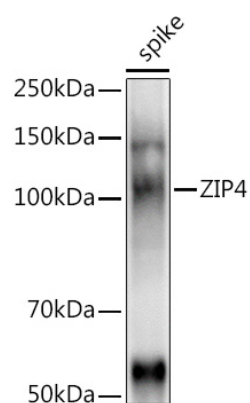
Affinity purification

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-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 Enhanced Kit (RM00021).
Exposure time: 60s.