

This product is for research use only (not for diagnostic or therapeutic use)

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## Product no AS13 2666

#### Calcineurin/EF-hand motif

## **Product information**

Immunogen KLH-conjugated synthetic peptide derived from known calcineurin/EF-hand motif sequences including Arabidopsis thaliana CPK21, UniProt: Q9ZSA2, TAIR: AT4G04720 and fpound in other calcium-dependent protein kinases

**Host** Rabbit

Clonality Polyclonal

**Purity** Immunogen affinity purified serum in PBS pH 7.4.

Format Lyophilized

Quantity 50 μg

**Reconstitution** For reconstitution add 50 μl of sterile water

Storage Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to

the cap or sides of the tube.

# **Application information**

Recommended dilution 1:2500 (WB)

Expected | apparent MW

20-45 kDa

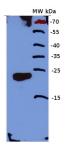
Predicted reactivity

Brassica napus, Theobroma cacao Species of your interest not listed? Contact us

Not reactive in No confirmed exceptions from predicted reactivity are currently known

**Additional information** Antibody is recognizing recombinant calcineurin expressed in *E.coli*.

#### application information



0,5µg of purified calcineurin with His-tag was separated on 12% SDS-PAGE and blotted 1h to PVDF using semi-dry transfer. Blots were blocked with 5% milk in TBS-T for 1h at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1: 1 000 for 1h at RT with agitation. The antibody solution was decanted and the blot was rinsed briefly once, then washed 3 times for 10 min in TBS-T at RT with agitation. Blot was incubated in secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated, AS09 602 from Agrisera) diluted to 1:25 000 in TBS-T containing2% milk for 1h at RT with agitation. The blot was washed as above and developed for 5 min with ECL according to the manufacturer's instructions. Exposure time was 300 seconds.

Courtesy of Dr. Lucyna Misztal, Institute of Molecular Biology and Biotechnology, Poznań, Poland