

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

contact: support@agrisera.com

Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no AS13 2666

Anti-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 20-45 kDa

MW 20-45 KDa

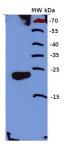
Predicted reactivity Brassica napus, Theobroma cacao

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, <u>AS09 602</u> 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