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Product no AS11 1810

Anti-RACK1A | Receptor for activated C kinase 1A

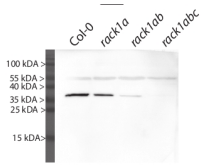
Product information

Immunogen	KLH-conjugated synthetic peptide derived from *Arabidopsis thaliana* RACK1A protein sequence UniProt: O24456, TAIR: At1g18080
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	50 µl
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 : 2000 (WB)
Expected | apparent MW	35 kDa
Confirmed reactivity	*Arabidopsis thaliana*
Predicted reactivity	*Thellungiella salsuginea* Species of your interest not listed? Contact us
Not reactive in	*Nicotiana benthamiana, Zea mays*
Selected references	Hemayet et al. (2019). Host targeted antiviral (HTA): functional inhibitor compounds of scaffold protein RACK1 inhibit herpes simplex virus proliferation. Oncotarget. 2019 May 14; 10(35): 3209–3226. Vera-Estrella et al. (2014). Comparative 2D-DIGE analysis of salinity responsive microsomal proteins from leaves of salt-sensitive Arabidopsis thaliana and salt-tolerant Thellungiella salsuginea. J Proteomics. 2014 Jun 2. pii: S1874-3919(14)00288-7. doi: 10.1016/j.jprot.2014.05.018. Speth et al. (2013). RACK1 scaffold proteins influence miRNA abundance in Arabidopsis. Plant J. Aug 13.

application example



20 µg of total protein from *Arabidopsis thaliana* total cell extract was separated on **15 % SDS-PAGE** and blotted 1h to **PVDF**. Blots were blocked with Roti-block over night at 4°C agitation. Blot was incubated in the primary antibody at a dilution of 1: 1 000 for 1h at RT with agitation.Blot was incubated in the primary antibody at a dilution of 1: 2 000 for 1h at RT with agitation. The antibody solution was decanted and the blot was rinsed briefly twice, then washed once for 15 min and 3 times for 5 min in TBS-T at RT with agitation. Blot was incubated in secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated, from Agrisera AS09 602) diluted to 1:10 000 in for 1h at RT with agitation. The blot was washed as above and developed for 5 min with ECL according to the manufacturers instructions. Exposure time was 30 min.

Courtesy of Dr. Sascha Laubinger, ZMBP, Germany