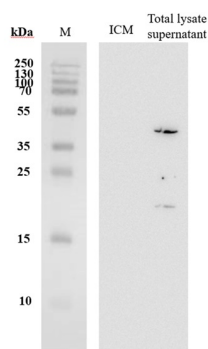


Product no **AS23 4932****Anti-NhaD | Sodium/Proton antiporter****Product information**

Immunogen	KLH-conjugated peptide derived from NhaD protein of <i>Rhodobacter sphaeroides</i> , UniProt: Q3IZ53
Host	Rabbit
Clonality	Polyclonal
Purity	Antigen affinity purified serum, in PBS pH 7.4
Format	Lyophilized
Quantity	50 µg
Reconstitution	For reconstitution, add 50 µl of sterile or deionized water.
Storage	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

Application information

Recommended dilution	1 : 1000 (WB)
Expected apparent MW	46.7 kDa
Confirmed reactivity	<i>Rhodobacter sphaeroides</i>
Predicted reactivity	Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known

Additional information

15 µg/well of total protein extracted freshly from *Rhodobacter sphaeroides* ICM and total lysate supernatant. Exact buffer components were: 20 mM HEPES, pH=8.0 and denatured with exact buffer components at 60°C 10 min(ICM) and 100 10min (total lysate supernatant). Samples were separated in the cold on 15 % SDS-PAGE and blotted for 1h to PVDF, using: wet transfer in the cold. Blot was blocked with 5% milk for: 1h/RT with agitation. Blot was incubated in the primary antibody at a dilution of 1:5000 for 1h/4°C 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 matching secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1: 10 000 in for 1h/RT with agitation. The blot was washed as above and developed with a following chemiluminescent detection reagent. Exposure time was 30 seconds.

Courtesy of phd candidate Yingyue Zhang, Department of Biochemistry, Cell and Systems Biology, Institute of Systems, Molecular and Integrative Biology, University of Liverpool, United Kingdom

Selected references To be added when available, antibody available in November 2025.