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## Product no AS09 475

# Ligand-gated ion channel 1,3

#### **Product information**

Immunogen KLH-conjugated synthetic peptide derived from Arabidopsis thaliana UniProt: Q9FH75, TAIR: At5g48410

**Host** Rabbit

Clonality Polyclonal

Purity Serum

Format Lyophilized

Quantity 100 μl

**Reconstitution** For reconstitution add 100 μl of sterile water

Storage Store lyophilized/reconstituted at -20°C; 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

Additional information 0.1 % sodium azide is added as preservative. For antibody re-suspending information check the tube lable.

Antibodies will detect target protein in a few µg of a crude preparation loaded per well. If purified preparations of vacuolar and plasma membranes are used, one µg load per well should be sufficient.

This protein is expressed in low levels in plant tissues.

### **Application information**

Recommended dilution 1:8000 (ELISA), 1:2000 (WB)

Expected | apparent 97 | 100 kDa

Confirmed reactivity | Arabidopsis thaliana, Raphanus sativus

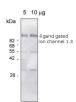
Predicted reactivity | Species of your interest not listed? Contact us

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

Additional information Protein or membrane sample should be treated at 70°C for 10 min before loading on the gel.

Diluted antibody solution can be used 2 to 3 times within one month if it contains 0.1 % sodium azide as preservative and is stored at -20°C to -80°C.

## **Application example**



5 μg and 10 μg of vacuolar membrane fraction/lane from *Raphanus sativus* were separated on 12 % **SDS-PAGE** and blotted 1h to **PVDF** membrane (40 min. at 10 V using BioRad semidry transfer). Filters were blocked 1h with 5 % low-fat **milk powder** in TBS-T (0.05% Triton X.100). Membranes were washed 5 times with TBS-T, each time in a fresh polystyrene box and probed with anti-ligand-gated ion channel antibodies (AS09 475, **1:1000**, 1h) and secondary anti-rabbit (**1:2000**, 1 h). All steps were performed in RT with agitation.