

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

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Product no AS12 1842

Anti-Patatin

Product information

Immunogen KLH-conjugated synthetic peptide derived from a C-terminal part of 36 known isoforms of patatin from Solanum tuberosum including: Q3YJS9, Q3YJT0, Q42502, Q3YJT2

Host Rabbit

Clonality Polyclonal

Purity Serum

Format Lyophilized

Quantity 100 μl

Reconstitution For reconstitution add 100 μl of sterile water

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 1:100 (IL), 1:2000 (WB)

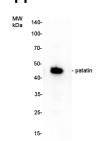
Expected | apparent 40-42 kDa

MW

Confirmed reactivity Solanum tuberosum Predicted reactivity | Solanum tuberosum

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

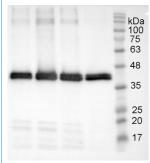
application example



75 ug of total protein from Solanum tuberosum v. Nicola extracted with 20 mM TRIS PH-8.5, 10 mM thiourea,10mM CaCl2, 5mM DTT, 1 mM PMSF, 1%PVPP were separated on 4-20 % SDS-PAGE and blotted 1.5h to PVDF. Blots were blocked with 5% milk powder in T-TBS (2.5gr of powder in 50 ml T-TBS) for 1h at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1: 2 000 for overnight at 4 °C with agitation. The antibody solution was decanted and A portion in Table (Laby of powder in a or in ETED) or the action memperature (TIT) with agritation to was included in the printed y anithod (and in the printed y anithod y (anit-stable (lab exposure time was asked of times for 5 min, in TBS-T at TRY with adjustion. Blot was included in secondary anithody (anit-stable (lab exposure time was 30 seconds.

The blot was washed as above and developed for 5 min with ECL according to the manufacturer's instructions. Exposure time was 30 seconds.

Courtesy of Dr. Paula Teper-Bamnolker and Dr. Dani Eshel, The Volcani Center, Israel





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Proteins were extracted from tuber flesh of Russet Burbank with 0.1 M Tris HCl (pH=8.0), 5% sucrose (m/v), 2% (m/v) SDS, protease inhibitors (PMSF 1mM). Samples were heated 95 °C 5 min, and 1 μ g of total protein was resolved in 12% SDS PAGE and blotted to PVDF membrane for 1h-1.5h. Blocking with a 4% skimmed milk in T-TBS (1.5h). Primary antibodies were applied overnight +4 °C in dilution 1:2000. After washing with T-TBS 2-3 times, membrane was incubated with secondary antibodies (Goat Anti-Rabbit HRP conjugate) 1:10 000 for 1 hour at RT. The blot was developed with ECL (Clarity Western ECL Substrate, BioRad, 170-5060) for 5 – 10 minutes. Exposure time – 0.4 second.

Courtesy of Msc. lauhenia Isayenka, University of Sherbrooke, Canada