

RAD23c | Ubiquitin receptor

RAD23c

Cat PA01283

Size 50 µl

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

Arabidopsis thaliana

Immunogen

Full length, His-tagged recombinant RAD23c of Arabidopsis thaliana protein sequence, UniProt:Q84L31-1, TAIR: At3g02540, overexpressed in E.coli

Host

Rabbit

Clonality

Polyclonal

Purity

Serum

Format

Lyophilized

Reconstitution

For reconstitution add 50 µl, of sterile water

Storage

Store lyophilized/reconstituted at -20°C (short term, months) or at -80°C (long term, years) ; 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

Western blot (WB)

Recommended dilution

1 : 3000 (WB)

Expected | apparent MW

44,2 | ca, 61 kDa

Confirmed reactivity

Arabidopsis thaliana

Not reactive in

No confirmed exceptions from predicted reactivity are currently known

Additional information

Antibodies recognize recombinant RAD23b and RAD23c proteins equally well but do not recognize DSK2a/b

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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orDDI1 based on immunoblot analyses of corresponding mutants Farmer et al. (2010).

Description

RAD23c(ubiquitin receptor RAD23c) binds to and may select ubiquitin couplets for destruction. Preference for multiple ubiquitin chains over single ubiquitin chains, with binding affinity for 'Lys-48' linked ubiquitin chains. As a ubiquitin receptor, it binds to the 26S proteasome docking subunit RPN10 and indirectly recognizes ubiquitin /26S proteasoma-mediated proteolysis (UPP) as a ubiquitin substrate. The RAD23 protein plays an important role in plant cell cycle, morphology and fertility by delivering UPS (ubiquitin/26S proteasome system) substrates to the 26S proteasome. Alias :AtRAD23c, putative DNA repair protein RAD23-3, RAD23-like protein 3,AtRAD23-3.

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