

PAL 1-4 | Phenylalanine ammonia-lyase 1-4

Cat PA01489

Size 50 µg

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

Nicotiana benthamiana

Immunogen

KLH-conjugated, conserved peptide derived from Arabidopsis thaliana PAL1-4, UniProt: P35510, P45724, P45725, Q9SS45, TAIR:AT2G37040, AT3G53260, AT5G04230, AT3G10340

Host

Rabbit

Clonality

Polyclonal

Purity

Antigen affinity purified serum, in PBS pH 7.4

Format

Lyophilized

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

Western blot (WB)

Recommended dilution

1 : 2000 (WB)

Expected | apparent MW

76.2-78.7 kDa

Confirmed reactivity

Nicotiana benthamiana

Predicted reactivity

Arabidopsis thaliana, Hibiscus syriacus, Lotus corniculatus, Solanum dulcamara, Solanum lycopersicum, Vigna unguiculata,

Not reactive in

No confirmed exceptions from predicted reactivity are currently known

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Description

It is a key enzyme in plant metabolism, catalyzing the first reaction of L-phenylalanine biosynthesis of a variety of natural products based on the phenylpropane skeleton.

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