

BiP | Lumenal-binding protein, HRP-conjugated (40 µg)



Cat. No. APA-GA-193

Lot. No. (See product label)

Product Name

BiP | Lumenal-binding protein, HRP-conjugated (40 µg)

Host

Rabbit

Immunogen

KLH-conjugated synthetic peptide derived from Arabidopsis thaliana BiP proteins: BiP1 At5g28540 Q9LKR3, BiP2 At5g42020 F4K007, BiP3 At1g09080 Q8H1B3

Background

BiP2 (Binding immunoglobulin protein) is localized in endoplasmic reticulum lumen (ER) and plays a role in protein assembly inside ER. BiP protein is abundant under all growth conditions but its synthesis can increase under conditions that lead to the accumulation of unfolded polypeptides in endoplasmic reticulum (ER).

Format

Liquid

Clonality

Polyclonal

Purity

Immunogen affinity purified serum in PBS pH 7.4, conjugated to HRP.

Quantity

40 µg

Reactivity

A. thaliana, B. napus, C. sativus, R. sativa L. Tokinashi-daikon, S. oleracea, S. lycopersicum, S. tuberosum, T. aestivum, Z. mays, O. europaea, P. abies, P. patens, Ch. reinhardtii

Confirmed reactivity

Arabidopsis thaliana, Brassica napus, Chlamydomonas reinhardtii, Cucumis sativus, Nicotiana benthamiana, Raphanus sativa L. Tokinashi-daikon, Olea europaea, Picea abies, Physcomitrium patens, Spinacia oleracea, Solanum lycopersicum, Solanum tuberosum, Triticum aestivum, Zea mays

Predicted reactivity

Arabis alpina, Capsella rubella, Capsicum annuum, Citrus clementina, Citrus sinensis, Eucalyptus grandis, Glycine max, Hordeum vulgare, Isatis tinctoria, Nicotiana tabacum, Oryza sativa, Prunus persica, Triticum aestivum, Picea sitchensis, Populus trichocarpa, Ricinus communis, Vitis vinifera

Not reactive in

No confirmed exceptions from predicted reactivity are currently known

Expected/apparent MW

73.5 | 80 kDa

Tested applications

ELISA (ELISA), Western blot (WB)

Recommended dilution

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

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Storage

Store at 4°C for 12-18 months. A preservative may be added for long time storage up to 2 years.

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