

Product no **AS09 481-HRP****Anti-BiP | Lumenal-binding protein, HRP-conjugated (40 µg)****Product information**

|                  |                                                                                                                                                                                                               |
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| <b>Immunogen</b> | KLH-conjugated synthetic peptide derived from <i>Arabidopsis thaliana</i> BiP proteins: BiP1 <a href="#">At5g28540 Q9LKR3</a> , BiP2 <a href="#">At5g42020 F4K007</a> , BiP3 <a href="#">At1g09080 Q8H1B3</a> |
| <b>Host</b>      | Rabbit                                                                                                                                                                                                        |
| <b>Clonality</b> | Polyclonal                                                                                                                                                                                                    |
| <b>Purity</b>    | Immunogen affinity purified serum in PBS pH 7.4, conjugated to HRP.                                                                                                                                           |
| <b>Format</b>    | Liquid                                                                                                                                                                                                        |
| <b>Quantity</b>  | 40 µg                                                                                                                                                                                                         |
| <b>Storage</b>   | Store at 4°C for 12-18 months. A preservative may be added for long time storage up to 2 years.                                                                                                               |

**Application information**

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| <b>Recommended dilution</b>   | 1 : 8000 (ELISA), 1 : 2000 (WB)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Expected   apparent MW</b> | 73.5   80 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Confirmed reactivity</b>   | <i>Arabidopsis thaliana</i> , <i>Brassica napus</i> , <i>Chlamydomonas reinhardtii</i> , <i>Cucumis sativus</i> , <i>Nicotiana benthamiana</i> , <i>Raphanus sativa</i> L. <i>Tokinashi-daikon</i> , <i>Olea europaea</i> , <i>Picea abies</i> , <i>Physcomitrium patens</i> , <i>Spinacia oleracea</i> , <i>Solanum lycopersicum</i> , <i>Solanum tuberosum</i> , <i>Triticum aestivum</i> , <i>Zea mays</i>                                                                                                    |
| <b>Predicted reactivity</b>   | <i>Arabis alpina</i> , <i>Capsella rubella</i> , <i>Capsicum annuum</i> , <i>Citrus clementina</i> , <i>Citrus sinsensis</i> , <i>Eucalyptus grandis</i> , <i>Glycine max</i> , <i>Hordeum vulgare</i> , <i>Isatis tinctoria</i> , <i>Nicotiana tabacum</i> , <i>Oryza sativa</i> , <i>Prunus persica</i> , <i>Triticum aestivum</i> . <i>Picea sitcHensis</i> , <i>Populus trichocarpa</i> , <i>Ricinus communis</i> , <i>Vitis vinifera</i><br>Species of your interest not listed? <a href="#">Contact us</a> |
| <b>Not reactive in</b>        | No confirmed exceptions from predicted reactivity are currently known                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Additional information</b> | Protein or membrane sample should be treated at 70°C for 10 min before loading on the gel, This antibody has so far not worked in IP                                                                                                                                                                                                                                                                                                                                                                             |