

## Anti-putative NAC domain-containing protein 94 antibody

Catalog: PHY5589S

## **Product Information**

| Description:    | Rabbit polyclonal antibody   |  |  |  |  |
|-----------------|--|--|--|--|--|
| Background:     | Lj2g0026112  |  |  |  |  |
| Synonyms:       | NAC094   |  |  |  |  |
| Immunogen:      | Recombinant protein of NAC094 (181-375aa) derived from Lotus japonicus             |  |  |  |  |
|                 | (Lj2g0026112).   |  |  |  |  |
| Form:           | Lyophilized  |  |  |  |  |
| Quantity:       | 150 µg   |  |  |  |  |
| Purification:   | Serum  |  |  |  |  |
|                 | Peptide affinity form antibody available upon request at <u>info@phytoab.com</u> . |  |  |  |  |
| Reconstitution: | Reconstitution with 150µl of sterile water.  |  |  |  |  |
|                 | "Note: please spin tube briefly prior to opening it to avoid any losses that might |  |  |  |  |
|                 | occur from lyophilized material adhering to the cap or sides of the tube".         |  |  |  |  |
| Stability &     | Use a manual defrost freezer and avoid repeated freeze-thaw cycles.                |  |  |  |  |
| Storage:        | 12 months from date of receipt, -20 to -70°C as supplied.                          |  |  |  |  |
|                 | 6 months, -20 to -70°C under sterile conditions after reconstitution.              |  |  |  |  |
|                 | 1 month, 2 to 8°C under sterile conditions after reconstitution.                   |  |  |  |  |
| Shipping:       | The product is shipped at 4°C. Upon receipt, store it immediately at the           |  |  |  |  |
|                 | temperature recommended above.   |  |  |  |  |

## **Application Information**

| Recommended Dilution:   | Western Blot (1:1000-1:2000)                                       |  |  |  |  |
|-------------------------|--|--|--|--|--|
|                         | Note: Optimal dilutions/concentrations should be determined by the |  |  |  |  |
|                         | end user.  |  |  |  |  |
| Expected / apparent MW: | 42 kDa   |  |  |  |  |
| Predicted Reactivity:   | For more species homologues information, please contact tech       |  |  |  |  |
|                         | support at tech@phytoab.com.                                       |  |  |  |  |

Research Use Only



## **Application Example**

|     |      | Recom  |        |       |  |  |  |
|-----|------|--------|--------|-------|--|--|--|
| kDa | М    | 2.5 ng | 10 ng  | 25 ng |  |  |  |
| 130 |      |        |        |       |  |  |  |
| 95  | -    |        |        |       |  |  |  |
| 72  | -    |        |        |       |  |  |  |
| 55  |      |        |        |       |  |  |  |
| 43  | -    |        |        |       |  |  |  |
| 34  | -    |        |        |       |  |  |  |
| 26  | 100- |        | _      |       |  |  |  |
| 17  |      |        |        |       |  |  |  |
| 10  |      |        |        |       |  |  |  |
|     |      | PH     | Y5589S | 5     |  |  |  |

Recom: 2.5 ng, 10 ng and 25 ng recombinant protein containing the peptide for immunization and having a molecular mass of 24 kDa.

Electrophoresis: 12% SDS-PAGE

Transfer: blotting to NC (nitrocellulose) membrane for 1 h.

Blocking: 5% skim milk at RT or 4°C for 1 h.

**Primary antibody:** 1:1000 dilution overnight at 4°C.

**Secondary antibody:** 1:10000 dilution using Goat Anti-Rabbit IgG H&L (HRP) (Cat# PHY6000).

**Detection:** using chemiluminescence substrate and image were captured with CCD camera.



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