



Rabbit Anti-Arabidopsis thaliana NCBP20 Polyclonal Antibody (CABT-Z853R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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|---------------------------|---|
| Immunogen | KLH-conjugated synthetic peptide of NCBP20 derived from Arabidopsis thaliana AT5G44200. |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Arabidopsis thaliana |
| Purification | Unpurified |
| Conjugate | Unconjugated |
| Applications | WB Recommended dilution: WB: 1:1000-1:2000 |
| Molecular Weight | Expected M.W.: 30 kDa; Apparent M.W.: 26 kDa |
| Reconstitution | Reconstitution with 150 µl of sterile water. |
| Format | Lyophilized |
| Size | 150 µg |
| Preservative | None |
| Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 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. |
| Ship | Wet ice |

BACKGROUND

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| Introduction | NCBP20 is a nuclear cap-binding protein that forms a heterodimeric complex with ABH1 (AT2G13540) and is likely to participate in RNA metabolism. It recognizes and binds capped RNAs (m7GpppG-capped RNA) but requires ABH1/CBP80 to stabilize the movement of its N-terminal loop and lock the CBC into a high affinity cap-binding state with the cap structure. |
| Keywords | CBP20;ATCBP20;CAP-BINDING PROTEIN 20;NCBP20 |

GENE INFORMATION

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|----------------|------------------------|
| Gene Name | CBP20 |
| Entrez Gene ID | 834443 |
| UniProt ID | Q9XFD1 |