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## Product Datasheet

### Anti-LCY | Lycopene beta-cyclase (chloroplastic), Polyclonal AGR-AS15-3079

|                            |                                                                                                                                                                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Anti-LCY   Lycopene beta-cyclase (chloroplastic), Polyclonal                                                                                                                                                                                               |
| Biozol Catalog Number      | AGR-AS15-3079                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | AS15-3079                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | AGR-AS15-3079                                                                                                                                                                                                                                              |
| Manufacturer               | Agrisera                                                                                                                                                                                                                                                   |
| Host                       | Rabbit                                                                                                                                                                                                                                                     |
| Category                   | Antikörper                                                                                                                                                                                                                                                 |
| Application                | WB                                                                                                                                                                                                                                                         |
| Species Reactivity         | A. thaliana                                                                                                                                                                                                                                                |
| Immunogen                  | His-tagged, recombinant Arabidopsis thaliana LCY1 lycopene beta-cyclase, overexpressed in E.coli, UniProt:Q38933 , TAIR: AT3G10230                                                                                                                         |
| Product Description        | LCY (lycopene beta-cyclase) is an enzyme (EC:5.5.1.19) of beta carotene biosynthesis pathway. Catalyzes the double cyclization reaction which converts lycopene to beta-carotene and neurosporene to beta-zeacarotene. Protein is encoded by LCY1 gene.... |
| Clonality                  | Polyclonal                                                                                                                                                                                                                                                 |
| Molecular Weight           | 56   50 kDa                                                                                                                                                                                                                                                |
| NCBI                       | <a href="#">820185</a>                                                                                                                                                                                                                                     |
| UniProt                    | <a href="#">Q38933</a>                                                                                                                                                                                                                                     |

|                    |                                               |
|--------------------|-----------------------------------------------|
| Purity             | Serum                                         |
| Form               | Lyophilized                                   |
| Antibody Type      | Polyclonal Antibody                           |
| Application Dilute | 1 : 1000 -1 : 128 000 (WB)                    |
| Application Notes  | For reconstitution add 50 µl of sterile water |