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## Product Datasheet

### Anti-LUT5 | beta-carotene hydroxylase, Rabbit, Polyclonal AGR-AS15-3085

|                            |   |
|----------------------------|---|
| Article Name               | Anti-LUT5   beta-carotene hydroxylase, Rabbit, Polyclonal   |
| Biozol Catalog Number      | AGR-AS15-3085   |
| Supplier Catalog Number    | AS15-3085   |
| Alternative Catalog Number | AGR-AS15-3085   |
| Manufacturer               | Agrisera  |
| Host                       | Rabbit  |
| Category                   | Antikörper  |
| Application                | WB  |
| Species Reactivity         | A. thaliana   |
| Immunogen                  | His-tagged, recombinant LUT5 of <i>Arabidopsis thaliana</i> , overexpressed in <i>E.coli</i> , UniProt: Q93VK5,TAIR: AT1G31800  |
| Product Description        | LUT5 (beta-carotene hydroxylase) is a heme-containing cytochrome P450 involved in the biosynthesis of xanthophylls. Enzyme is specific for beta-ring hydroxylation of alpha- and beta-carotene and displays a low activity toward the epsilon-rings of alp... |
| Clonality                  | Polyclonal  |
| Molecular Weight           | 66.8   64 kDa   |
| NCBI                       | <a href="#">840067</a>  |
| UniProt                    | <a href="#">Q93VK5</a>  |
| Purity                     | Serum   |

|                    |   |
|--------------------|---|
| Form               | Lyophilized                                   |
| Antibody Type      | Polyclonal Antibody                           |
| Application Dilute | 1 : 2000-1 : 8000 (WB)                        |
| Application Notes  | For reconstitution add 50 µl of sterile water |