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## Product Datasheet

### Anti-TOP2 | DNA topoisomerase II, Rabbit, Polyclonal AGR-AS05-096

|                          |                                                                                                                                                                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Anti-TOP2   DNA topoisomerase II, Rabbit, Polyclonal                                                                                                                                                                                                           |
| Artikelnummer            | AGR-AS05-096                                                                                                                                                                                                                                                   |
| Hersteller Artikelnummer | AS05-096                                                                                                                                                                                                                                                       |
| Alternativnummer         | AGR-AS05-096                                                                                                                                                                                                                                                   |
| Hersteller               | Agrisera                                                                                                                                                                                                                                                       |
| Wirt                     | Rabbit                                                                                                                                                                                                                                                         |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                     |
| Applikation              | IL, WB                                                                                                                                                                                                                                                         |
| Spezies Reaktivität      | A. thaliana, Plant                                                                                                                                                                                                                                             |
| Immunogen                | The C-terminal 153 amino acids of the Arabidopsis thaliana Topoisomerase II (At3g23890, protein accession number P30182) with an N-terminal hexahistidine tag was expressed in E.coli and purified by Ni <sup>2+</sup> affinity chromatography.                |
| Produktbeschreibung      | Topoisomerase type II (EC5.99.1.3) is one of the enzymes which is catalyzing unknotting of DNA by creating transient breaks in the DNA using a conserved tyrosine as the catalytic residue. Synonyme names of this protein: At3g23890, ATTOPII, DNA topoiso... |
| Klonalität               | Polyclonal                                                                                                                                                                                                                                                     |
| Molekulargewicht         | 164   170 kDa (Arabidopsis thaliana)                                                                                                                                                                                                                           |
| NCBI                     | <a href="#">821972</a>                                                                                                                                                                                                                                         |

|                        |                                                                                                                                                                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt                | <a href="#">P30182</a>                                                                                                                                                                                                                                    |
| Reinheit               | Serum                                                                                                                                                                                                                                                     |
| Formulierung           | Lyophilized                                                                                                                                                                                                                                               |
| Antibody Type          | Polyclonal Antibody                                                                                                                                                                                                                                       |
| Application Verdünnung | 1 : 500 (IL), 1 : 2000 (WB)                                                                                                                                                                                                                               |
| Anwendungsbeschreibung | Topoisomerase II is highly expressed in young seedlings. The protein is localized in the nucleus and gene expression levels are increased in proliferative tissues like shoot apex or root tip. This product can be sold containing ProClin if requested. |