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## Product Datasheet

### Anti-PR-3 / CHN | Class I chitinase, Rabbit, Polyclonal AGR-AS07-207

|                            |   |
|----------------------------|---|
| Article Name               | Anti-PR-3 / CHN   Class I chitinase, Rabbit, Polyclonal   |
| Biozol Catalog Number      | AGR-AS07-207  |
| Supplier Catalog Number    | AS07-207  |
| Alternative Catalog Number | AGR-AS07-207  |
| Manufacturer               | Agrisera  |
| Host                       | Rabbit  |
| Category                   | Antikörper  |
| Application                | CoIP, IL, IP, WB  |
| Species Reactivity         | Plant   |
| Immunogen                  | Purified tobacco class I chitinase. The preparation used is a mixture of two class I isoforms (Shinshi et al., 1990, van Buuren et al., 1992): 1) Chitinase A (CHN A) P08252 encoded by gene chn48 derived from the <i>N. tomentosiformis</i> ancestor of tobacco. 2) Chitinase B (CHN B) P24091 encoded by gene chn50 derived from the <i>N. sylvestris</i> ancestor of tobacco. |
| Product Description        | Pathogenesis-related (PR) proteins, are induced in response to the infection of plants with microbial pathogens. Combinations of glucanase I and chitinase I are potent inhibitors of fungal growth in vitro however precise mechanism of that is still no...   |
| Clonality                  | Polyclonal  |
| Molecular Weight           | 35, 34   32 and 34 kDa  |
| NCBI                       | <a href="https://www.ncbi.nlm.nih.gov/nuccore/107759005">107759005</a>  |

|                    |  |
|--------------------|--|
| UniProt            | P08252   |
| Purity             | Total IgG. Protein G purified in PBS pH 7.4.   |
| Form               | Lyophilized  |
| Antibody Type      | Polyclonal Antibody  |
| Application Dilute | 8 µg/ml (WB)   |
| Application Notes  | Important note: For blocking 5% skim milk in PBS without Ca++ should be used. This antibody is purified by affinity chromatography on Protein G. |