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## Product Datasheet

### Anti-AtpB | Beta subunit of ATP synthase (chloroplastic + mitochondrial) (rabbit) (), Rabbit, Polyclonal AGR-AS05-085-10

|                            |  |
|----------------------------|--|
| Article Name               | Anti-AtpB   Beta subunit of ATP synthase (chloroplastic + mitochondrial) (rabbit) (), Rabbit, Polyclonal   |
| Biozol Catalog Number      | AGR-AS05-085-10  |
| Supplier Catalog Number    | AS05-085-10  |
| Alternative Catalog Number | AGR-AS05-085-10  |
| Manufacturer               | Agrisera   |
| Host                       | Rabbit   |
| Category                   | Antikörper   |
| Application                | BN-PAGE, IF, WB  |
| Species Reactivity         | A. thaliana, Bacteria, Fish, Gallus, Insect, Plant, Porcine, Rat, Seal   |
| Immunogen                  | KLH-conjugated synthetic peptide derived from available plant, algal (chloroplastic and mitochondrial) and bacterial sequences of beta subunits of F-type ATP synthases, including <i>Arabidopsis thaliana</i> chloroplastic ATP synthase subunit beta AtCg00480 and <i>Arabidopsis thaliana</i> mitochondrial ATP synthase subunit beta-1 At5g08670 as well as <i>Chlamydomonas reinhardtii</i> P06541 and A8IQU3 |
| Product Description        | ATP synthase is the universal enzyme that synthesizes ATP from ADP and phosphate using the energy stored in a transmembrane ion gradient....   |
| Clonality                  | Polyclonal   |

|                    |   |
|--------------------|---|
| Molecular Weight   | 53.9 kDa (Arabidopsis thaliana), 51.7 kDa (Synechocystis PCC 6803), 53.7 kDa (Spinacia oleracea)  |
| NCBI               | <a href="#">830768</a>  |
| UniProt            | <a href="#">P19366</a>  |
| Purity             | Serum   |
| Form               | Lyophilized   |
| Antibody Type      | Polyclonal Antibody   |
| Application Dilute | 1 : 100 (IF), 1 : 5000 (BN-PAGE), 1 : 2000-1 : 5 000 (WB)   |
| Application Notes  | Blue Native gel electrophoresis (BN-PAGE) has been performed on samples solubilized with digitonin (4:1) and loaded at 100 µg/well. Gel thickness was 2 mm with 4.5-16 % gradient. Antibody is recognizing mitochondrial form of AtpB Subota el. al (2011). This antibody can be used as a loading control for bacteria, <i>Bacillus cereus</i> . |