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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 Arabidopsis thaliana chloroplastic ATP synthase subunit beta AtCg00480 and Arabidopsis thaliana mitochondrial ATP synthase subunit beta-1 At5g08670 as well as Chlamydomonas reinhardtii P06541 and A81QU3
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 et al (2011). This antibody can be used as a loading control for bacteria, Bacillus cereus.