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## Product Datasheet

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

Article Name	Anti-AtpB   Beta subunit of ATP synthase (chloroplasmic + mitochondrial) (rabbit antibodies), Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS05-085
Supplier Catalog Number	AS05-085
Alternative Catalog Number	AGR-AS05-085
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	IF, WB
Species Reactivity	A. thaliana, Algae, Bacteria, E. coli, Fish, Gallus, H. pylori, Insect, Other, Parasite, Plant, Porcine, Rat, Seal
Immunogen	KLH-conjugated synthetic peptide derived from available plant, algal (chloroplasmic and mitochondrial) and bacterial sequences of beta subunits of F-type ATP synthases, including Arabidopsis thaliana chloroplasmic ATP synthase subunit beta UniProt: P19366, TAIR: AtCg00480 and Arabidopsis thaliana mitochondrial ATP synthase subunit beta-1, UniProt: P83483, TAIR: At5g08670 as well as Chlamydomonas reinhardtii, UniProt: 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 ( <i>Arabidopsis thaliana</i> ), 51.7 kDa ( <i>Synechocystis</i> PCC 6803), 53.7 kDa ( <i>Spinacia oleracea</i> )
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: 2500 (U-ExM), 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, <i>Bacillus cereus</i> .