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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	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	830768
UniProt	P19366
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.