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Product Datasheet

Anti-AtpB | Beta subunit of ATP synthase (chloroplastic + mitochondrial) (chicken antibodies), Gallus, Polyclonal AGR-AS03-030

Article Name	Anti-AtpB Beta subunit of ATP synthase (chloroplastic + mitochondrial) (chicken antibodies), Gallus, Polyclonal
Biozol Catalog Number	AGR-AS03-030
Supplier Catalog Number	AS03-030
Alternative Catalog Number	AGR-AS03-030
Manufacturer	Agrisera
Host	Gallus
Category	Antikörper
Application	IL, WB
Species Reactivity	A. thaliana, Algae, Bacteria, Plant, Rat
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 UniProt: P19366, TAIR: AtCg00480 and <i>Arabidopsis thaliana</i> mitochondrial ATP synthase subunit beta-1, UniProt: P83483, TAIR: At5g08670 as well as <i>Chlamydomonas reinhardtii</i> , UniProt: 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	830768
UniProt	P19366
Purity	Purified, total IgY (chicken egg yolk immunoglobulin) in PBS pH 8. Contains 0.02 % sodium azide.
Form	Liquid
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 500 for localization of native enzyme by immunogold (IL), 1 : 5 000-1 : 8 000 (WB)
Application Notes	Results of immunogold studies using anti-AtpB antibody are published in Andersson et al. (2009).