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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 Arabidopsis thaliana chloroplastic 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	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).