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## Product Datasheet

### AtpB | Positive control/quantitation standard AGR-AS03-030S

Article Name	AtpB   Positive control/quantitation standard
Biozol Catalog Number	AGR-AS03-030S
Supplier Catalog Number	AS03-030S
Alternative Catalog Number	AGR-AS03-030S
Manufacturer	Agrisera
Category	Sonstiges
Application	WB
Product Description	ATP synthase is the universal enzyme that synthesizes ATP from ADP and phosphate using the energy stored in a transmembrane ion gradient. This product is a recombinant protein standard, source: Synechocystis strain PCC 6803....
Molecular Weight	in most gel systems AtpB migrates around 50-54 kDa
Form	Lyophilized, in glycerol.
Antibody Type	Secondary Antibody
Application Dilute	Standard curve: 3 loads are recommended (0.5, 2 and 4µl). For most applications a sample load of 0.2µg of chlorophyll will give a AtpB signal in this range. Positive control: load per well: a 2µl load is optimal for most chemiluminescent detection systems.
Application Notes	Concentration: after adding 90 l of dest. water final concentration of the standard is 0.27 pmol/ l. Protein standard buffer composition: Glycerol 10%, Tris Base 141 mM, Tris HCl 106 mM, LDS 2%, EDTA 0.51 mM, SERVA Blue G250 0.22 mM, Phenol Red 0.175 mM,