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Product Datasheet

Anti-FtsZ | Procaryotic cell division GTPase (cyanobacterial), Rabbit, Polyclonal AGR-AS07-217

Article Name	Anti-FtsZ Procaryotic cell division GTPase (cyanobacterial), Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS07-217
Supplier Catalog Number	AS07-217
Alternative Catalog Number	AGR-AS07-217
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	IF, IL, WB
Species Reactivity	Bacteria
Immunogen	Whole cyanobacterial (Anabaena PCC 7120) FtsZ protein, UniProt: Q3MC27 overexpressed in E.coli.
Product Description	FtsZ (cell division GTPase) is a well characterized protein of the bacterial cell division apparatus. This protein accumulates early in dividing cells, and has a crucial role during septum formation in most bacteria as well as in chloroplasts. It has...
Clonality	Polyclonal
Molecular Weight	44.5 50 kDa
UniProt	Q3MC27
Purity	Serum

Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 200 (IL) Immunogold-TEM, 1 : 500 (IF), 1 : 2000-1 : 5000 (WB)
Application Notes	This antibody can be used as a loading control antibody in cyanobacteria. Immunofluorescence has been done by labelling <i>Synechococcus elongatus</i> cells at 30C for 2 hours with FtsZ antibodies diluted to 1: 500 in blocking buffer. Detection images can be found in Kabeya et al (2010). This product can be sold containing ProClin if requested.