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Product Datasheet

Anti-UBQ11 | Ubiquitin (affinity purified), Rabbit, Polyclonal AGR-AS08-307A

Article Name	Anti-UBQ11 Ubiquitin (affinity purified), Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS08-307A
Supplier Catalog Number	AS08-307A
Alternative Catalog Number	AGR-AS08-307A
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	A. thaliana, Plant
Immunogen	Recombinant Arabidopsis thaliana ubiquitin, ubq11, with N-terminal His-tag, TAIR: At4g05050
Product Description	Ubiquitin is a highly conserved regulatory protein expressed in all eukaryotic tissues. Originally this protein was called: Ubiquitous Immunopoietic Polypeptide. Its function is labeling of proteins for degradation through ubiquitin proteasome system...
Clonality	Polyclonal
Molecular Weight	8.5 kDa
NCBI	825847
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Form	Lyophilized

Antibody Type	Polyclonal Antibody
Application Dilute	1 : 10 000 (WB)
Application Notes	Antibody can be used to check qubiquitination status in the whole plant extracts. Technical note: It is very difficult to detect ubiquitin monomers in total cell extracts due to a great abundance of poly and multi-ubiquitinated proteins. Recommended is size separation of protein extracts before gel electrophoresis focused on good resolution of region between 6-10 kDa. Suggested extraction buffer: 100 mM Tris-HCl, pH 8.0, 0.1% [w/v] SDS, 0.5% [w/v] sodium deoxycholate, 1% [v/v] glycerol, 50 mM sodium metabisulfite, 20 mM N-ethylmaleimide (NEM) and protease inhibitor cocktail (Roche) (Orosa et al. 2018). This buffer will help to stabilize the conjugates and will help to detect any increase or decrease in conjugate accumulation using the antibodies.