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## Product Datasheet

### Anti-FtsH1-11 | ATP-dependent zinc metalloprotease FtsH1-11, Polyclonal AGR-AS11-1789

Article Name	Anti-FtsH1-11   ATP-dependent zinc metalloprotease FtsH1-11, Polyclonal
Biozol Catalog Number	AGR-AS11-1789
Supplier Catalog Number	AS11-1789
Alternative Catalog Number	AGR-AS11-1789
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	BN-PAGE, WB
Species Reactivity	A. thaliana, Plant
Immunogen	KLH-conjugated peptide derived from sequences of all known FtsH isoforms of Arabidopsis thaliana: FtsH1 Q39102 (At1g50250), FtsH2 O80860 (At2g30950), FtsH3 Q84WU8 (At2g29080), FtsH4 O80983 (At2g26140), FtsH5 Q9FH02 (At5g42270), FtsH6 Q1PDW5 (At5g15250),
Product Description	FtsH belong to a family of ATP dependent peptidases. Localized in a chloroplast are following isoforms: FTSH1 (synonymes AAA, FTSH, FTSH Protease 1), FtsH2 (VAR2, VARIEGATED 2), FtsH5 (VAR1, VARIEGATED 1), FtsH6 (FTSH PROTEASE 6), FtsH7, FtsH8. FtsH9...
Clonality	Polyclonal
Molecular Weight	A. thaliana: FtsH1:76.7, FtsH2: 74, FtsH5: 75.2, FtsH6: 74.5, FtsH7: 87.8, FtsH8: 73, FtsH9:87.8 kDa (chloroplastic), FtsH3: 89.3, FtsH4: 77.2, FtsH10: 89.5 kDa, FtsH11:88.7 kDa (mitochondrial)

NCBI	<a href="#">841447</a>
UniProt	<a href="#">Q84WU8</a>
Purity	Serum
Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 500-1 : 2000 (WB)
Application Notes	For detection on a diatom samples, load of 5-10 g/well is required as well as usage of enhanced chemiluminescence. The antibody also detects the chloroplast-encoded FtsH from <i>Thalassiosira pseudonana</i> (diatom) along with 3 related isoforms encode in the n