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Product Datasheet

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

Article Name	Anti-FtsH1-11 ATP-dependent zinc metalloprotease FtsH1-11, Rabbit, 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), FtsH7 Q9SD67 (At3g47060), FtsH8 Q8W585 (At1g06430), FtsH9 Q9FIM2 (At5g58870), FtsH10 Q8VZI8 (At1g07510), FtsH11 Q9FGM0 (At5g53170) as well as 4 FtsH isoforms of Synechocystis sp. PCC6803NP_440330.1, NP_442160.1, NP_440797.1, NP_440525.1
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	841447
UniProt	Q84WU8
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 µg/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 nuclear genome of <i>Thalassiosira pseudonana</i> . For detection in BlueNative, recommended dilution is 1: 500.