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Product Datasheet

Anti-AGO1 | Argonaute 1, Rabbit, Polyclonal AGR-AS09-527

Article Name	Anti-AGO1 Argonaute 1, Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS09-527
Supplier Catalog Number	AS09-527
Alternative Catalog Number	AGR-AS09-527
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	ChIP, IF, IL, WB
Species Reactivity	A. thaliana, Plant
Immunogen	KLH-conjugated, N-terminal peptide of Arabidopsis thaliana AGO1 004379, At1g48410
Product Description	AGO1 belongs to a group of argonaute proteins which are catalytic component of the RNA-incudes silencing complex (RISC). This protein complex is responsible for the gene silencing (RNAi)....
Clonality	Polyclonal
Molecular Weight	116.4 130 kDa
NCBI	841262
UniProt	004379
Purity	Immunogen affinity purified serum in PBS pH 7.4.

Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	2 µg (ChIP), 1: 200 (IF), (IL), small-RNA-IP-Seq, 1 : 5000-1 : 10 000 (WB)
Application Notes	AGO expression may be tissue specific and using floral tissue is recommended where most of the AGOs are expressed the highest. Use of proteasome inhibitors as MG132 can help to stabilize AGO proteins during extraction procedure. Buffer for extraction of AGO proteins: Paudel et al. 2018. The AGO1 antibody is extremely specific to AGO1 and does not cross-react with other antibodies. The evidence is 1) the peptide to which it was raised is at the very N-terminus of the protein and is not present in other AGOs 2) aAGO1 does not cross react with the AGOs which are overexpressed (AGO2, AGO3, AGO4, AGO5, AGO6, AGO9) using a western blot.TCA acetone precipitation method