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Product Datasheet

Anti-AGO4 | Argonaute 4, Rabbit, Polyclonal AGR-AS09-617

Article Name	Anti-AGO4 Argonaute 4, Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS09-617
Supplier Catalog Number	AS09-617
Alternative Catalog Number	AGR-AS09-617
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	CoIP, ICC, IP, WB
Species Reactivity	A. thaliana
Immunogen	KLH-conjugated synthetic peptide chosen from Arabidopsis thaliana AGO4 sequence UniProt: Q9ZVD5 , TAIR: At2g27040
Product Description	AGO4 (Argonaute 4) 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	103 kDa
NCBI	817246
UniProt	Q9ZVD5
Purity	Immunogen affinity purified serum in PBS pH 7.4.

Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 100 (ICC), 5 µg of antibody per 1 gram of a fresh tissue (IP), 1 : 2000-1 : 5000 (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. Use a 6% gel for protein separation, which is run longer to avoid a cross-reactivity at ca. 40 kDa. Binds endogenous siRNAs, preference for 24nt siRNAs with 5 A. Note that the AGO4 antibody reacts with the NEB prestained protein marker.