

product **AS10 671**
AGO5 | argonaute 5

product information

background	AGO5 belongs to a group of argonaute proteins which are catalytic component of the RNA-includes silencing complex (RISC). This protein complex is responsible for the gene silencing (RNAi). Probably involved in antiviral RNA silencing.
immunogen	peptide of <i>Arabidopsis thaliana</i> AGO5 Q9SJK3 , AT2G27880
antibody format	rabbit polyclonal affinity purified serum lyophilized
quantity	200 µg for reconstitution add 200 µl of sterile water.
storage	store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
tested applications	western blot (WB), immunoprecipitation (IP)
related products	AS09 527 AGO1 argonaute 1, rabbit antibody AS09 527P AGO1 argonaute 1 Blocking peptide AS09 617 AGO4 argonaute 4, rabbit antibody AS10 672 AGO6 argonaute 6, rabbit antibody AS10 673 AGO9 argonaute 9, rabbit antibody collection of antibodies to micro RNA Recommended secondary antibody for ECL detection
additional information	

application information

recommended dilution	1: 1500 (WB), 5 ug per gram floral tissue (IP)
expected apparent MW	111 111 kDa
confirmed reactivity	<i>Arabidopsis thaliana</i>
predicted reactivity	<i>Arabidopsis thaliana</i>
not reactive in	no confirmed exceptions from predicted reactivity known in the moment
additional information	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.
selected references	to be added when available, antibody released in August 2012.