



Rabbit Anti-Mouse AGO2 monoclonal antibody, clone S.497.3 (CABT-L1182)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	AGO2
Immunogen	Synthetic peptide corresponding to mouse Argonaute 2
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Non-human primate, Rat
Clone	S.497.3
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	IP, WB
Format	Liquid
Buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
Preservative	See individual product datasheet
Storage	-20°C

BACKGROUND

Introduction	This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic, and contains a PAZ domain and a PIWI
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domain. It may interact with dicer1 and play a role in short-interfering-RNA-mediated gene silencing. Multiple transcript variants encoding different isoforms have been found for this gene.

Keywords	AGO2;argonaute RISC catalytic component 2;Q10;EIF2C2;protein argonaute-2;PPD;hAgo2;eIF2C 2;eIF-2C 2;argonaute2;argonaute 2;protein slicer;PAZ Piwi domain protein;eukaryotic translation initiation factor 2C, 2
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GENE INFORMATION

Entrez Gene ID [27161](#)

UniProt ID [Q9UKV8](#)