

Product datasheet for **TA373351**

Argonaute 2 (AGO2) Rabbit Polyclonal Antibody

Product data:

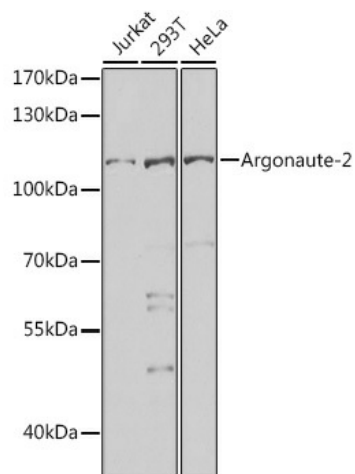
| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | ICC/IF, WB |
| Recommended Dilution: | WB, 1:500 - 1:2000 IF, 1:50 - 1:100 |
| Reactivity: | Human, Mouse |
| Modifications: | Unmodified |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 47-115 of human Argonaute-2 (NP_036286.2). |
| Formulation: | Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3. |
| Concentration: | lot specific |
| Purification: | Affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. |
| Stability: | Shelf life: one year from despatch. |
| Predicted Protein Size: | 93kDa/97kDa |
| Gene Name: | argonaute 2, RISC catalytic component |
| Database Link: | Entrez Gene 27161 Human Q9UKV8 |
| Background: | 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 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. |



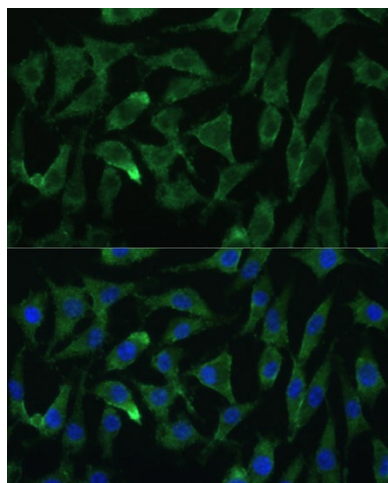
[View online »](#)

Synonyms: 1110029L17Rik; 2310051F07Rik; AI225898; AL022874; AW546247; Eif2c2; ENSMUSG00000072493; Gerp95

Product images:



Western blot analysis of extracts of various cell lines, using Argonaute-2 antibody (TA373351) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 20s.



Immunofluorescence analysis of L929 cells using Argonaute-2 Polyclonal Antibody (TA373351) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.