

Human AGO2 Knockdown Cell Lysate

Cat. No. AGO2-029HKCL **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | WB-validated AGO2 Knockdown HeLa Cell Lysate |
| Species | Human |
| Source | HeLa |
| Description | 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. |
| Form | Cell-Tissue Lysis buffer |
| Molecular Mass | 97 kDa |
| Notes | Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins. |
| Storage | Store at -20 centigrade for two years. |
| Concentration | Lot-specific |

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| Shipping | Blue Ice |
| Components | 1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg AGO2 KD HeLa cell lysate |
| Protein Families | Druggable Genome |
| Lysate QC | RT-qPCR; Western Blotting (WB) |

GENE INFORMATION

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|------------------------|--|
| Gene Name | AGO2 argonaute RISC catalytic component 2 [Homo sapiens (human)] |
| Official Symbol | AGO2 |
| Synonyms | AGO2; argonaute RISC catalytic component 2; PPD; Q10; CASC7; EIF2C2; LESKRES; LINC00980; protein argonaute-2; PAZ Piwi domain protein; argonaute 2, RISC catalytic component; cancer susceptibility candidate 7 (non-protein coding); eukaryotic translation initiation factor 2C, 2; long intergenic non-protein coding RNA 980; protein slicer; EC 3.1.26.n2 |
| Gene ID | 27161 |
| mRNA Refseq | NM_012154 |
| Protein Refseq | NP_036286 |
| MIM | 606229 |
| UniProt ID | Q9UKV8 |

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