

Human AGO3 Knockdown Cell Lysate

Cat. No. AGO3-497HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated AGO3 Knockdown HT-1080 Cell Lysate
Species	Human
Source	HT-1080
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, contains a PAZ domain and a PIWI domain, and may play a role in short-interfering-RNA-mediated gene silencing. This gene is located on chromosome 1 in a tandem cluster of closely related family members including argonaute 4 and eukaryotic translation initiation factor 2C, 1. Two transcript variants encoding distinct isoforms have been identified 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 HT-1080 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 HT-1080 cell lysate 1 vial of 100 µg AGO3 KD HT-1080 cell lysate
Protein Families	Druggable Genome
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	AGO3 argonaute RISC catalytic component 3 [Homo sapiens (human)]
Official Symbol	AGO3
Synonyms	AGO3; argonaute RISC catalytic component 3; EIF2C3; protein argonaute-3; argonaute 3, RISC catalytic component; eukaryotic translation initiation factor 2C, 3; hAgo3; EC 3.1.26.n2
Gene ID	192669
mRNA Refseq	NM_024852
Protein Refseq	NP_079128
MIM	607355
UniProt ID	Q9H9G7

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