

Human APPL1 Knockdown Cell Lysate

Cat. No. APPL1-046HKCL **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | WB-validated APPL1 Knockdown HeLa Cell Lysate |
| Species | Human |
| Source | HeLa |
| Description | The protein encoded by this gene has been shown to be involved in the regulation of cell proliferation, and in the crosstalk between the adiponectin signalling and insulin signalling pathways. The encoded protein binds many other proteins, including RAB5A, DCC, AKT2, PIK3CA, adiponectin receptors, and proteins of the NuRD/MeCP1 complex. This protein is found associated with endosomal membranes, but can be released by EGF and translocated to the nucleus. |
| Form | Cell-Tissue Lysis buffer |
| Molecular Mass | 80 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 APPL1 KD HeLa cell lysate |
| Protein Pathways | Colorectal cancer, Pathways in cancer |
| Lysate QC | RT-qPCR; Western Blotting (WB) |

GENE INFORMATION

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|------------------------|---|
| Gene Name | APPL1 adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1 [Homo sapiens (human)] |
| Official Symbol | APPL1 |
| Synonyms | APPL1; adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1; DCC-interacting protein 13-alpha; APPL; dip13-alpha; AKT2 interactor; signaling adaptor protein DIP13alpha; adapter protein containing PH domain, PTB domain and leucine zipper motif 1; adaptor protein containing pH domain, PTB domain and leucine zipper motif 1; DIP13alpha; |
| Gene ID | 26060 |
| mRNA Refseq | NM_012096 |
| Protein Refseq | NP_036228 |
| MIM | 604299 |
| UniProt ID | Q9UKG1 |

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