

Human CAP1 Knockdown Cell Lysate

Cat. No. CAP1-082HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated CAP1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene is related to the <i>S. cerevisiae</i> CAP protein, which is involved in the cyclic AMP pathway. The human protein is able to interact with other molecules of the same protein, as well as with CAP2 and actin. Alternatively spliced transcript variants encoding different isoforms have been identified.
Form	Cell-Tissue Lysis buffer
Molecular Mass	52 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
Shipping	Blue Ice

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Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg CAP1 KD HeLa cell lysate
Protein Families	Druggable Genome
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	CAP1 CAP, adenylate cyclase-associated protein 1 (yeast) [Homo sapiens (human)]
Official Symbol	CAP1
Synonyms	CAP1; CAP, adenylate cyclase-associated protein 1 (yeast); adenylyl cyclase-associated protein 1; CAP; CAP 1; CAP1-PEN;
Gene ID	10487
mRNA Refseq	NM_001105530
Protein Refseq	NP_001099000
MIM	617801
UniProt ID	Q01518

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