

## Human AP2S1 Knockdown Cell Lysate

Cat. No. AP2S1-041HKCL Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	WB-validated AP2S1 Knockdown HeLa Cell Lysate
<b>Species</b>	Human
<b>Source</b>	HeLa
<b>Description</b>	One of two major clathrin-associated adaptor complexes, AP-2, is a heterotetramer which is associated with the plasma membrane. This complex is composed of two large chains, a medium chain, and a small chain. This gene encodes the small chain of this complex. Alternative splicing results in multiple transcript variants.
<b>Form</b>	Cell-Tissue Lysis buffer
<b>Molecular Mass</b>	17 kDa
<b>Notes</b>	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.
<b>Storage</b>	Store at -20 centigrade for two years.
<b>Concentration</b>	Lot-specific
<b>Shipping</b>	Blue Ice

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<b>Components</b>	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg AP2S1 KD HeLa cell lysate
<b>Protein Pathways</b>	Endocytosis, Huntington's disease
<b>Lysate QC</b>	RT-qPCR; Western Blotting (WB)
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	AP2S1 adaptor-related protein complex 2, sigma 1 subunit [ Homo sapiens (human) ]
<b>Official Symbol</b>	AP2S1
<b>Synonyms</b>	AP2S1; adaptor-related protein complex 2, sigma 1 subunit; CLAPS2; AP-2 complex subunit sigma; sigma2-adaptin; HA2 17 kDa subunit; clathrin coat assembly protein AP17; clathrin coat-associated protein AP17; clathrin assembly protein 2 small chain; adaptor protein complex AP-2 subunit sigma; plasma membrane adaptor AP-2 17 kDa protein; adapter-related protein complex 2 sigma subunit; clathrin-associated/assembly/adaptor protein, small 2 (17kD); AP17; AP17-DELTA;
<b>Gene ID</b>	1175
<b>mRNA Refseq</b>	NM_004069
<b>Protein Refseq</b>	NP_004060
<b>MIM</b>	602242
<b>UniProt ID</b>	P53680

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