

# Human CRABP2 Knockdown Cell Lysate

Cat. No. CRABP2-334HKCL Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	WB-validated CRABP2 Knockdown HeLa Cell Lysate
<b>Species</b>	Human
<b>Source</b>	HeLa
<b>Description</b>	<p>This gene encodes a member of the retinoic acid (RA, a form of vitamin A) binding protein family and lipocalin/cytosolic fatty-acid binding protein family. The protein is a cytosol-to-nuclear shuttling protein, which facilitates RA binding to its cognate receptor complex and transfer to the nucleus. It is involved in the retinoid signaling pathway, and is associated with increased circulating low-density lipoprotein cholesterol. Alternatively spliced transcript variants encoding the same protein have been found for this gene.</p>
<b>Form</b>	Cell-Tissue Lysis buffer
<b>Molecular Mass</b>	16 kDa
<b>Notes</b>	<p>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.</p>
<b>Storage</b>	Store at -20 centigrade for two years.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Concentration</b>	Lot-specific
<b>Shipping</b>	Blue Ice
<b>Components</b>	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg CRABP2 KD HeLa cell lysate
<b>Protein Families</b>	Druggable Genome, Transcription Factors
<b>Lysate QC</b>	RT-qPCR; Western Blotting (WB)

## GENE INFORMATION

<b>Gene Name</b>	CRABP2 cellular retinoic acid binding protein 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	CRABP2
<b>Synonyms</b>	CRABP2; cellular retinoic acid binding protein 2; cellular retinoic acid-binding protein 2; CRABP II; cellular retinoic acid-binding protein II; RBP6; CRABP-II;
<b>Gene ID</b>	1382
<b>mRNA Refseq</b>	NM_001199723
<b>Protein Refseq</b>	NP_001186652
<b>MIM</b>	180231
<b>UniProt ID</b>	P29373

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