

Human RXRA Knockdown Cell Lysate

Cat. No. RXRA-292HKCL Lot. No. (See product label)

SPECIFICATION

Product Overview	WB-validated RXRA Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	Retinoid X receptors (RXRs) and retinoic acid receptors (RARs) are nuclear receptors that mediate the biological effects of retinoids by their involvement in retinoic acid-mediated gene activation. These receptors function as transcription factors by binding as homodimers or heterodimers to specific sequences in the promoters of target genes. The protein encoded by this gene is a member of the steroid and thyroid hormone receptor superfamily of transcriptional regulators. Alternative splicing of this gene results in multiple transcript variants.
Form	Cell-Tissue Lysis buffer
Molecular Mass	51 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.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg RXRA KD HeLa cell lysate
Protein Families	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
Protein Pathways	Adipocytokine signaling pathway, Non-small cell lung cancer, Pathways in cancer, PPAR signaling pathway, Small cell lung cancer, Thyroid cancer
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	RXRA retinoid X receptor, alpha [Homo sapiens (human)]
Official Symbol	RXRA
Synonyms	RXRA; retinoid X receptor, alpha; retinoic acid receptor RXR-alpha; NR2B1; nuclear receptor subfamily 2 group B member 1; retinoid X nuclear receptor alpha; FLJ00280; FLJ00318; FLJ16020; FLJ16733; MGC102720;
Gene ID	6256
mRNA Refseq	NM_002957
Protein Refseq	NP_002948
MIM	180245

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UniProt ID

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