

Human FOXO1 Knockdown Cell Lysate

Cat. No. FOXO1-502HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated FOXO1 Knockdown HT-1080 Cell Lysate
Species	Human
Source	HT-1080
Description	This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma.
Form	Cell-Tissue Lysis buffer
Molecular Mass	70 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HT-1080 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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Shipping	Blue Ice
Components	1 vial of 100 µg WT HT-1080 cell lysate 1 vial of 100 µg FOXO1 KD HT-1080 cell lysate
Protein Families	Druggable Genome, Transcription Factors
Protein Pathways	Insulin signaling pathway, Pathways in cancer, Prostate cancer
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	FOXO1 forkhead box O1 [Homo sapiens (human)]
Official Symbol	FOXO1
Synonyms	FOXO1; forkhead box O1; FKHR, forkhead homolog in rhabdomyosarcoma, FOXO1A; forkhead box protein O1; FKH1; forkhead box protein O1A; forkhead, Drosophila, homolog of, in rhabdomyosarcoma; FKHR; FOXO1A;
Gene ID	2308
mRNA Refseq	NM_002015
Protein Refseq	NP_002006
MIM	136533
UniProt ID	Q12778

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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