



FOXO3 blocking peptide (CDBP5456)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. This gene likely functions as a trigger for apoptosis through expression of genes necessary for cell death. Translocation of this gene with the MLL gene is associated with secondary acute leukemia. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	FOXO3 forkhead box O3 [Homo sapiens (human)]
Official Symbol	FOXO3
Synonyms	FOXO3; forkhead box O3; FOXO2; AF6q21; FKHRL1; FOXO3A; FKHRL1P2; forkhead box protein O3; forkhead box O3A; forkhead in rhabdomyosarcoma-like 1; forkhead homolog (rhabdomyosarcoma) like 1; forkhead, Drosophila, homolog of, in rhabdomyosarcoma-like 1
Entrez Gene ID	2309

mRNA Refseq	NM_001455
Protein Refseq	NP_001446
UniProt ID	O43524
Pathway	AKT phosphorylates targets in the nucleus; AMPK signaling pathway; Adaptive Immune System; BDNF signaling pathway; Chemokine signaling pathway; Class I PI3K signaling events; Class I PI3K signaling events mediated by Akt; Constitutive PI3K/AKT Signaling in Cancer
Function	DNA binding; chromatin DNA binding; core promoter binding; protein binding; protein kinase binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity
