



FOXO4 blocking peptide (CDBP5457)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the O class of winged helix/forkhead transcription factor family. Proteins encoded by this class are regulated by factors involved in growth and differentiation indicating they play a role in these processes. A translocation involving this gene on chromosome X and the homolog of the Drosophila trithorax gene, encoding a DNA binding protein, located on chromosome 11 is associated with leukemia. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2010]
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	FOXO4 forkhead box O4 [Homo sapiens (human)]
Official Symbol	FOXO4
Synonyms	FOXO4; forkhead box O4; AFX; AFX1; MLLT7; forkhead box protein O4; fork head domain transcription factor AFX1; myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 7

Entrez Gene ID	4303
mRNA Refseq	NM_001170931
Protein Refseq	NP_001164402
UniProt ID	P98177
Pathway	AGE/RAGE pathway; AKT phosphorylates targets in the nucleus; Adaptive Immune System; Class I PI3K signaling events mediated by Akt; Constitutive PI3K/AKT Signaling in Cancer; DAP12 interactions; DAP12 signaling; Disease
Function	DNA binding; enzyme binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription factor binding