



Human FOXH1 blocking peptide (CDBP1264)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-FOXH1/FAST1 antibody
Antigen Description	FOXH1 encodes a human homolog of Xenopus forkhead activin signal transducer-1. FOXH1 protein binds SMAD2 and activates an activin response element via binding the DNA motif TGT(G/T)(T/G)ATT.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	FOXH1 forkhead box H1 [Homo sapiens]
Official Symbol	FOXH1
Synonyms	FOXH1; forkhead box H1; forkhead box protein H1; FAST1; fast-2; hFAST-1; TGF-beta/activin signal transducer; forkhead activin signal transducer 2; forkhead activin signal transducer-1; FAST-1;
Entrez Gene ID	8928

mRNA Refseq	NM_003923
Protein Refseq	NP_003914
UniProt ID	O75593
Chromosome Location	8q24
Pathway	Developmental Biology, organism-specific biosystem; Heart Development, organism-specific biosystem; Regulation of nuclear SMAD2/3 signaling, organism-specific biosystem; Signaling by NODAL, organism-specific biosystem; TGF Beta Signaling Pathway, organism-specific biosystem; TGF-beta Receptor Signaling Pathway, organism-specific biosystem;
Function	contributes_to DNA binding; DNA binding, bending; R-SMAD binding; double-stranded DNA binding; protein binding; protein domain specific binding; sequence-specific DNA binding; sequence-specific DNA binding; contributes_to sequence-specific DNA binding tra