



Anti-FOXH1 monoclonal antibody (DCABH-11602)

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

PRODUCT INFORMATION

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.
Immunogen	A synthetic peptide of human FOXH1 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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
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