

FOXH1 Polyclonal Antibody

Catalog: BS65751 Host: Rabbit Reactivity: Hu-
man, Mouse, Rat, Pig, Cow, Horse, Sheep,

BackGround:

Xenopus winged-helix factor, xFAST-1 (forkhead activin signal transducer-1) is a transcription factor that forms a complex with the receptor-regulated Smad protein, Smad2, and directly binds to activin response elements on DNA (1,2). The human homolog FAST-1 and the corresponding mouse homolog, designated FAST-2, share significant sequence homology with xFAST-1, including a conserved N-terminal forkhead domain that consists of 110 amino acid residues and is essential for binding DNA and regulating transcription in embryogenesis, in tumorigenesis and in the maintenance of differentiated cell states (3,4). FAST-1 and FAST-2 also contain a distinct C-terminal Smad interaction domain that is required for the association with various Smad proteins, including Smad2, Smad3 and Smad4 (3,5). Expression of FAST-1 and FAST-2 is predominantly observed during early development, with lower levels detected in adult tissues (6,7). FAST-1 and FAST-2 mediated DNA binding is attenuated by both TGF β and activin, indicating that these FAST proteins mediate TGF β induced signal transduction (3).

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

40 kD

Swiss-Prot:

O75593

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000

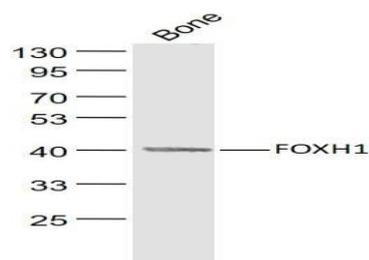
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

FOXH1 Polyclonal Antibody detects endogenous levels of FOXH1 protein.

DATA:



Primary: Anti- FOXH1 at 1/1000 dilution

Note:

For research use only, not for use in diagnostic procedure.

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