

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



FAST-1/2 (Q19) Peptide

Cat No.: BS9124P

Background

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. 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. Expression of FAST-1 and FAST-2 is predominantly observed during early development, with lower levels detected in adult tissues. FAST-1 and FAST-2 mediated DNA binding is attenuated by both TFG β and activin, indicating that these FAST proteins mediate TFG β induced signal transduction.

Swiss-Prot

Q14296

Applications

Blocking

Specificity

This peptide can be used with studies using BS9124 FAST-1/2 (Q19) pAb.

Purification & Purity

Synthetic peptide FAST-1/2 (Q19). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

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

Research Use

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