

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### FoxL1 (G150) Peptide

Cat No.: BS2301P

#### Background

FOXL1 is a 337 amino acid protein encoded by the mouse gene Foxl1. FOXL1 belongs to the fork head family and contains one fork head DNA-binding domain. The HNF3/fork head family includes a large number of transcription factors that share a structurally related DNA binding domain. Fork head factors are known to play important roles both during development and in adults. FOXL1 is a winged helix transcriptional regulator expressed in the mesenchymal layer of developing and mature gastrointestinal tract. FOXL1-deficient mice exhibit various defects not only in the epithelial layer of the gastrointestinal tract but also in gut-associated lymphoid tissues. In the small intestine of FOXL1-deficient mice, the formation of Peyer's patches is affected, particularly in the caudal region. FOXL1 is a mesenchymal modifier of the adenomatous polyposis coli (APC) gene products and plays a key role in gastrointestinal tumorigenesis.

#### Swiss-Prot

Q12952

#### Applications

#### Blocking

#### Specificity

This peptide can be used with studies using BS2301 FoxL1 (G150) pAb.

#### Purification & Purity

Synthetic peptide FoxL1 (G150). (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.