

FoxL1 (G150) polyclonal antibody

Catalog: BS2301

Host: Rabbit

Reactivity: Human, Mouse, Rat

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.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 36 kDa

Swiss-Prot:

Q12952

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC: 1:50~1:200

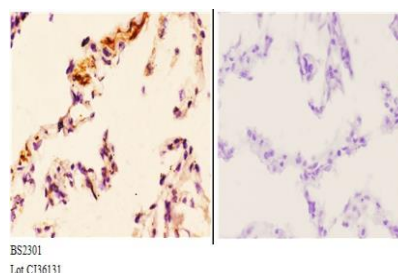
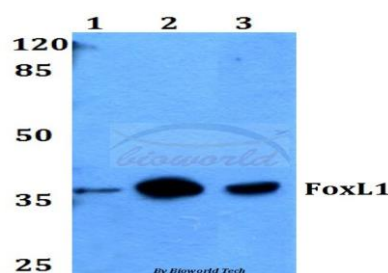
Storage&Stability:

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

Specificity:

FoxL1 (G150) polyclonal antibody detects endogenous levels of FoxL1 protein.

DATA:



Immunohistochemistry (IHC) analyzes of FoxL1 (G150) pAb in paraffin-embedded human lung carcinoma tissue at 1:50, showing Cytoplasm and Nuclear staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

Note:

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

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