### bs-17366R

### [ Primary Antibody ]

# BIOSS ANTIBODIES

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## – DATASHEET –

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**HOXC11 Rabbit pAb** 

**GeneID:** 3227 **SWISS:** 043248

Target: HOXC11

**Immunogen:** KLH conjugated synthetic peptide derived from human HOXC11:

211-304/304.

**Purification:** affinity purified by Protein A

Concentration: 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: This gene belongs to the homeobox family of genes. The

homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The product of this gene binds to a promoter element of the lactase-phlorizin hydrolase. It also may play a role in early intestinal development. An alternatively spliced variant encoding a shorter isoform has been described but its full-length nature has not been determined. [provided by RefSeq, Jul

20081

Applications: WB (1:500-2000)

Reactivity: Human (predicted: Mouse,

Rat, Sheep, Cow, Chicken,

Dog, Horse)

Predicted MW.: 34 kDa

Subcellular Location: Nucleus

#### - VALIDATION IMAGES -



Sample: Lane 1: Human HepG2 cell lysates Lane 2: Human 293T cell lysates Lane 3: Human HeLa cell lysates Primary: Anti-HOXC11 (bs-17366R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kDa Observed band size: 36 kDa