

HOX-C12 polyclonal antibody

Catalog: BS60164

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The Homeobox (Hox) proteins are a family of transcription factors that play a role in development and cellular differentiation by regulating downstream target genes. Specifically, the Hox proteins direct DNA-protein and protein-protein interactions that assist in determining the morphologic features associated with the anterior-posterior body axis. Hox proteins are involved in controlling axial patterning, leukemias and hereditary malformations. In mammals, there are four gene clusters encoding Hox proteins, namely HoxA, HoxB, HoxC and HoxD, that are located on different chromosomes, each consisting of 9-11 tandemly arranged genes. HoxC12 (Homeobox C12), also known as Hox3, Hox3F or HOC3F, is a member of the Abd-B homeobox (Hox) family and is encoded by a gene from the HoxC cluster. HoxC12 is a 282 amino acid long nuclear protein that contains one homeobox DNA-binding domain.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 30 kDa

Swiss-Prot:

P31275

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:

WB: 1:500~1:1000

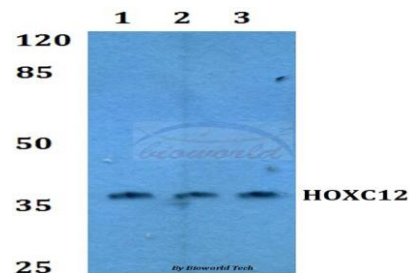
Storage&Stability:

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

Specificity:

HOX-C12 polyclonal antibody detects endogenous levels of HOX-C12 protein.

DATA:



Western blot (WB) analysis of HOX-C12 polyclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate

Lane2:NIH-3T3 whole cell lysate

Lane3:PC12 whole cell lysate

Note:

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

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