MESP2 polyclonal antibody

Catalog: BS60610 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

MESP2 (mesoderm posterior 2 homolog), also known as SCDO2 or bHLHc6 (class C basic helix-loop-helix protein 6), is a 397 amino acid protein that contains one basic helix-loop-helix (bHLH) domain, a motif that mediates protein dimerization and can bind to the E-box sequence of DNA. Localized to the nucleus, MESP2 functions as a transcription factor that, via its bHLH domain, participates in the epithelialization and the development of the cardiac and somitic mesoderm. MESP2 is involved in somitogenesis and Notch pathways and is encoded by a gene that maps to human chromosome 15q26.1. Defects in the MESP2 gene are the cause of an autosomal recessive disorder known as spondylocostal dysostosis type 2 (SCDO2).

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 42 kDa

Swiss-Prot:

Q0VG99

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

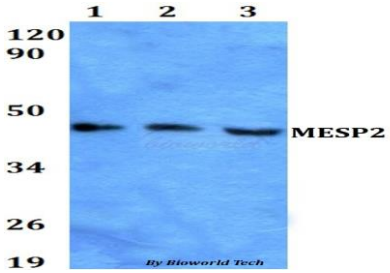
Storage&Stability:

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

Specificity:

MESP2 polyclonal antibody detects endogenous levels of MESP2 protein.

DATA:



Western blot (WB) analysis of MESP2 polyclonal antibody at 1:500 dilution

Lane1:A549 whole cell lysate

Lane2:sp2/0 whole cell lysate

Lane3:H9C2 whole cell lysate

Note:

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

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