

FoxD3 (R233) polyclonal antibody

Catalog: BS2163

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Embryonic stem cells require the forkhead transcriptional regulator FoxD3 for survival. Following gastrulation, FoxD3 generally gets downregulated, except in the neural crest. A variety of growth factors induce FoxD3 expression, including FGF8 and SNAIL, maintaining the effected cells in an undifferentiated state. Thus defects in FoxD3 induction may cause premature differentiation and/or migration-associated birth defects.

Product:

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

Molecular Weight:

~ 48 kDa

Swiss-Prot:

Q9UJU5

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

IHC: 1:50~1:200

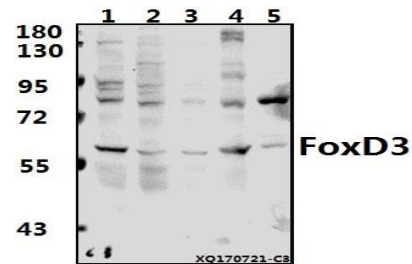
Storage&Stability:

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

Specificity:

FoxD3 (R233) polyclonal antibody detects endogenous levels of FoxD3 protein.

DATA:



Western blot (WB) analysis of FoxD3 (R233) pAb at 1:1000 dilution

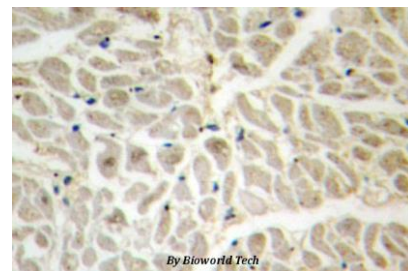
Lane1:K562 whole cell lysate(40ug)

Lane2:HEK293T whole cell lysate(40ug)

Lane3:MCF-7 whole cell lysate(40ug)

Lane4:C6 whole cell lysate(40ug)

Lane5:BV2 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of FoxD3 (R233) pAb in paraffin-embedded human heart tissue.

Note:

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

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