

## FoxB1/2 (I72) polyclonal antibody

Catalog: BS2130

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The Forkhead-box (FOX) genes comprise a superfamily of at least 43 members that encode proteins which are involved in transcriptional regulation and may be associated with the pathogenesis of various cancers. FOXB1 (forkhead box B1), also known as FKH5 or HFKH-5, and FOXB2 (forkhead box B2) are members of the FOX family and each contain one forkhead DNA-binding domain. Both FOXB1 and FOXB2 localize to the nucleus where they are thought to function as transcription factors that can bind to DNA via their forkhead domains. In mice, defects in the gene encoding FOXB1 are associated with retarded development of the central nervous system (CNS), suggesting that FOXB1 may play a role in CNS organization and function.

### Product:

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

### Molecular Weight:

~ 35,46 kDa

### Swiss-Prot:

Q99853/Q5VYV0

### 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

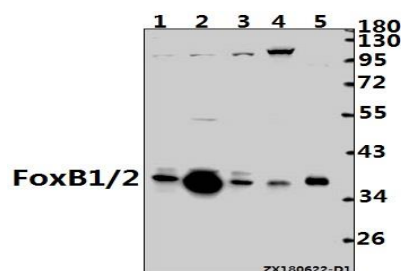
### Storage&Stability:

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

### Specificity:

FoxB1/2 (I72) polyclonal antibody detects endogenous levels of FoxB1/2 protein.

### DATA:



Western blot (WB) analysis of FoxB1/2 (I72) pAb at 1:500 dilution

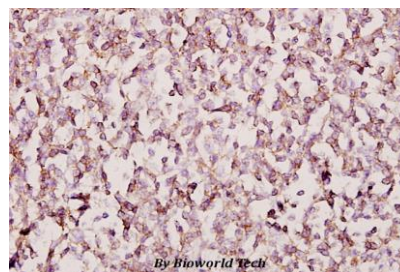
Lane1:Myla2059 whole cell lysate(40ug)

Lane2:HeLa whole cell lysate(40ug)

Lane3:SGC7901 whole cell lysate(40ug)

Lane4:The Embryo tissue lysate of Mouse(40ug)

Lane5:The Testis tissue lysate of Rat(10ug)



Immunohistochemistry (IHC) analyzes of FoxB1/2 (I72) pAb in paraffin-embedded human tonsil cancer tissue at 1:50.

### Note:

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

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