

FOXN4 polyclonal antibody

Catalog: BS62379

Host: Rabbit

Reactivity: Human

BackGround:

Forkhead box protein N4, transcription factor essential for neural and some non-neural tissues development, such as retina and lung respectively. Binds to an 11-bp consensus sequence containing the invariant tetranucleotide 5'-ACGC-3'. During development of the central nervous system, is required to specify the amacrine and horizontal cell fates from multipotent retinal progenitors while suppressing the alternative photoreceptor cell fates through activating DLL4-NOTCH signaling. Also acts synergistically with ASCL1/MASH1 to activate DLL4-NOTCH signaling and drive commitment of p2 progenitors to the V2b interneuron fates during spinal cord neurogenesis. In development of non-neural tissues, plays an essential role in the specification of the atrioventricular canal and is indirectly required for patterning the distal airway during lung development.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.4.

Molecular Weight:

~55 kDa

Swiss-Prot:

Q96NZ1

Purification&Purity:

The protein was purified from E.coli and the purity is > 95% (by SDS-PAGE).

Applications:

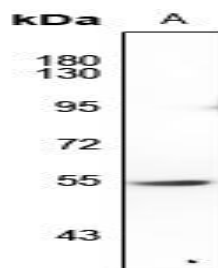
WB:1:500~1:1000 IHC:1:50~1:200

Storage&Stability:

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

Specificity:

FOXN4 polyclonal antibody detects endogenous levels of FOXN4 protein.

DATA:

Western blot (WB) analysis of FOXD4 polyclonal antibody at 1:500 dilution

LaneA:H1792 whole cell lysate

Note:

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

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