

FOXN4 Antibody (aa411-460)
Rabbit Polyclonal Antibody
Catalog # ALS16544**Specification**

FOXN4 Antibody (aa411-460) - Product Information

Application	IHC, WB
Primary Accession	O96NZ1
Other Accession	121643
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	55215

FOXN4 Antibody (aa411-460) - Additional Information**Gene ID** 121643**Other Names**

FOXN4, Forkhead box N4, Forkhead box protein N4

Target/Specificity

FOXN4 Antibody detects endogenous levels of total FOXN4 protein.

Reconstitution & StoragePBS (without Mg²⁺, Ca²⁺), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol.
Store at -20°C for up to one year.**Precautions**

FOXN4 Antibody (aa411-460) is for research use only and not for use in diagnostic or therapeutic procedures.

FOXN4 Antibody (aa411-460) - Protein Information**Name** FOXN4**Function**

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 (By similarity).

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00089}.

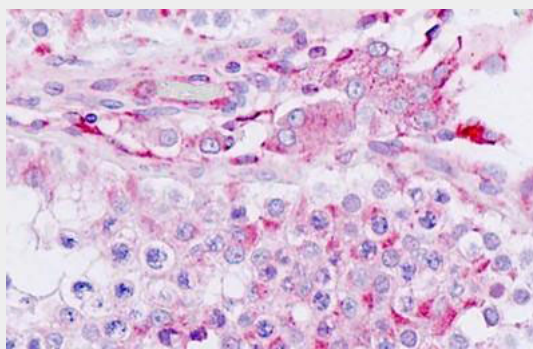
Volume

50 μ l

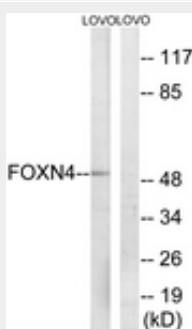
FOXN4 Antibody (aa411-460) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FOXN4 Antibody (aa411-460) - Images

Anti-FOXN4 antibody IHC staining of human testis.



Western blot of extracts from LOVO cells, using FOXN4 Antibody.

FOXN4 Antibody (aa411-460) - Background

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FOXN4 Antibody (aa411-460) - References

Scherer S.E.,et al.Nature 440:346-351(2006).

Danilova N.,et al.Brain Res. Dev. Brain Res. 153:115-119(2004).

Ota T.,et al.Nat. Genet. 36:40-45(2004).