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FOXD4L1 Antibody
Catalog # ASC11437

Specification

FOXD4L1 Antibody - Product Information

Application	**WB, ICC**
Primary Accession	Q9NU39
Other Accession	NP_036316, 18959276
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Application Notes	**FOXD4L1 antibody can be used for detection of FOXD4L1 by Western blot at 1 µg/mL. Antibody can also be used for immunocytochemistry at 10 µg/ml.**

FOXD4L1 Antibody - Additional Information

Gene ID **200350**

Target/Specificity
FOXD4L1; This antibody is predicted to not cross-react with any FOXD4 protein family members

Reconstitution & Storage
FOXD4L1 antibody can be stored at 4℃ for three months and -20℃, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Precautions
FOXD4L1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

FOXD4L1 Antibody - Protein Information

Name FOXD4L1

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

FOXD4L1 Antibody - Protocols

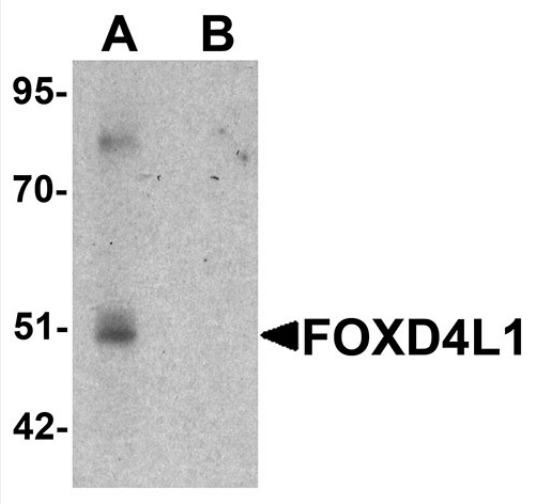
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

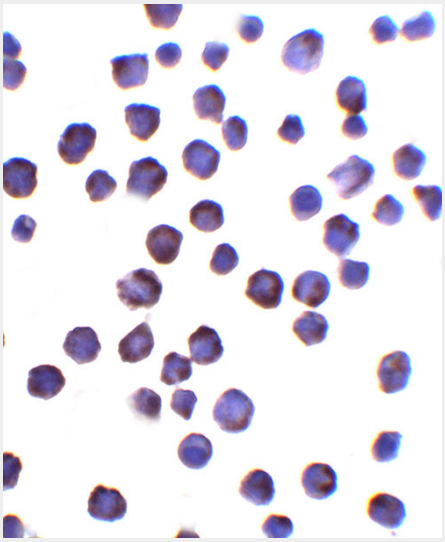
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- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FOXD4L1 Antibody - Images



Western blot analysis of FOXD4L1 in A-20 cell lysate with FOXD4L1 antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide.



Immunocytochemistry of FOXD4L1 in MCF7 cells with FOXD4L1 antibody at 10 µg/ml.

FOXD4L1 Antibody - Background

FOXD4L1 Antibody: FOXD4L1, also known as FOXD5, is a member of the forkhead/winged-helix (FOX) family of transcription factors with highly conserved FOX DNA-binding domains. Members of the FOX family of transcription factors are regulators of embryogenesis and is thought to play a role in human cancer. FOXD4L1 is a forkhead transcription factor that functions as both a transcriptional activator and repressor and acts upstream of several other neural transcription factors to maintain neural fate, regulate neural plate patterning, and delay the expression of neural differentiation factors.

FOXD4L1 Antibody - References

Jackson BC, Carpenter C, Nebert DW, et al. Update of human and mouse forkhead box (FOX) gene families. Hum. Genomics 2010; 4:345-52.
Yan B, Neilson KM, and Moody SA. Microarray identification of novel downstream targets of FoxD4L1/D5, a critical component of the neural ectodermal transcriptional network. Dev. Dyn. 2010; 239:3467-80.