

FOXD4L1 Antibody

Catalog # ASC11437

Product Information

Application	WB, ICC, E
Primary Accession	Q9NU39
Other Accession	NP_036316 , 18959276
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	43610
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	FOXD4L1 antibody can be used for detection of FOXD4L1 by Western blot at 1 μ g/mL. Antibody can also be used for immunocytochemistry at 10 μ g/ml.

Additional Information

Gene ID	200350
Other Names	Forkhead box protein D4-like 1, FOXD4-like 1, FOXD4L1
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°C for three months and -20°C, 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.

Protein Information

Name	FOXD4L1
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00089}.

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

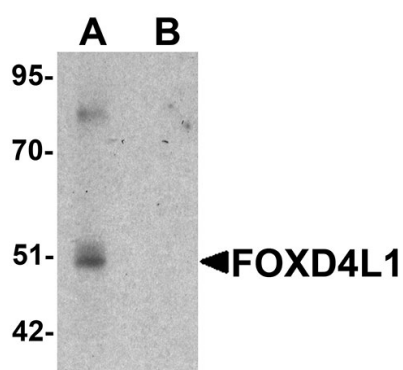
and acts upstream of several other neural transcription factors to maintain neural fate, regulate neural plate patterning, and delay the expression of neural differentiation factors.

References

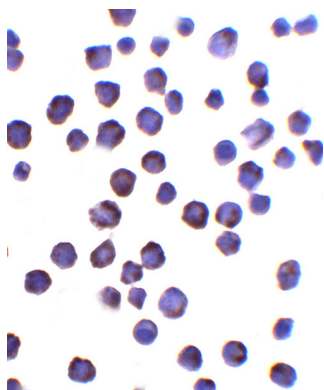
Jackson BC, Carpenter C, Nebert DW, et al. Update of human and mouse forkhead box (FOX) gene families. *Hum. Genomics* 2010; 4:345-52.

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.

Images



Western blot analysis of FOXD4L1 in A-20 cell lysate with FOXD4L1 antibody at 1 $\mu\text{g/mL}$ in (A) the absence and (B) the presence of blocking peptide.



Immunocytochemistry of FOXD4L1 in MCF7 cells with FOXD4L1 antibody at 10 $\mu\text{g/mL}$.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.