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FoxD3 Polyclonal Antibody

Catalog # AP69926

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q9UJU5
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47630

Additional Information

Gene ID	27022
Other Names	FOXD3; HFH2; Forkhead box protein D3; HNF3/FH transcription factor genesis
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

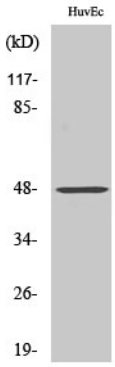
Protein Information

Name	FOXD3
Synonyms	HFH2
Function	Binds to the consensus sequence 5'-A[AT]T[AG]TTTGTTT-3' and acts as a transcriptional repressor (PubMed:11891324). Also acts as a transcriptional activator (PubMed:11891324). Negatively regulates transcription of transcriptional repressor RHIT/ZNF205 (PubMed:22306510). Promotes development of neural crest cells from neural tube progenitors (PubMed:11891324). Restricts neural progenitor cells to the neural crest lineage while suppressing interneuron differentiation (PubMed:11891324). Required for maintenance of pluripotent cells in the pre-implantation and peri-implantation stages of embryogenesis (PubMed:11891324).
Cellular Location	Nucleus.
Tissue Location	Expressed in chronic myeloid leukemia, Jurkat T- cell leukemia and teratocarcinoma cell lines, but not in any other cell lines or normal tissues examined.

Background

Binds to the consensus sequence 5'-A[AT]T[AG]TTTGTTT-3' and acts as a transcriptional repressor. Also acts as a transcriptional activator. Promotes development of neural crest cells from neural tube progenitors. Restricts neural progenitor cells to the neural crest lineage while suppressing interneuron differentiation. Required for maintenance of pluripotent cells in the pre-implantation and peri-implantation stages of embryogenesis.

Images



Western Blot analysis of various cells using FoxD3 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).

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