

Anti-Forkhead box protein D3 FOXD3 Antibody

Catalog Number: A04495

About FOXD3

Binds to the consensus sequence 5'-A[AT]T[AG]TTTGT-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.

Gregory S.G., Nature 441:315-321(2006).

Guo Y., Proc. Natl. Acad. Sci. U.S.A. 99:3663-3667(2002).

Ramsey H.C., Submitted (OCT-1999) to the EMBL/GenBank/DBJ databases.

Overview

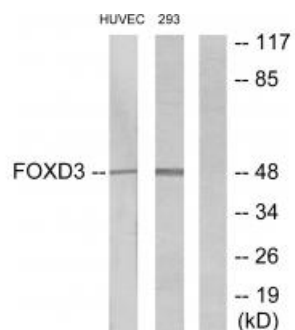
Product Name	Anti-Forkhead box protein D3 FOXD3 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Forkhead box protein D3 FOXD3 Antibody (Catalog # A04495). Tested in WB, IHC applications. This antibody reacts with Human, Mouse.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9UJU5

Technical Details

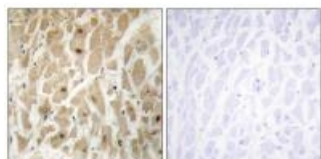
Immunogen	Synthesized peptide derived from internal of human FOXD3.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blotting: 1:500~1:3000</p> <p>Immunohistochemistry: 1:50~1:100</p>

Anti-Forkhead box protein D3 FOXD3 Antibody (A04495) Images



Western blot analysis of extracts from HUVEC cells and 293 cells, using FOXD3 antibody A04495.



Immunohistochemistry analysis of paraffin-embedded human heart tissue using FOXD3 antibody A04495.

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