

Anti-FOXD3 Antibody

CATALOG NO:	A1632-100
ALTERNATIVE NAMES:	HFH2; Forkhead box protein D3; HNF3/FH transcription factor genesis
AMOUNT:	100 µl
IMMUNOGEN:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human FOXD3
HOST/ISOTYPE:	Rabbit IgG
CLONALITY:	Polyclonal
SPECIFICITY:	Recognizes endogenous levels of FOXD3 protein
SPECIES REACTIVITY:	Human, Mouse, Rat
PURIFICATION:	The antibody was purified by affinity chromatography
FORM:	Liquid
FORMULATION:	Supplied in 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide
STORAGE CONDITIONS:	Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
DESCRIPTION:	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.
APPLICATION:	WB; 1:500 – 1:1000 IH; 1:100 – 1:200

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.

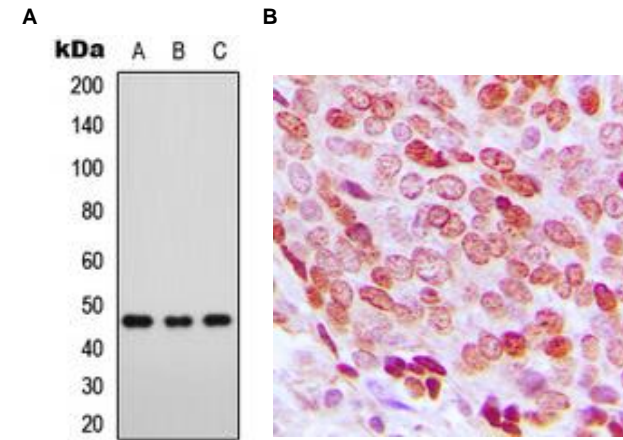


Fig. A. Western blot analysis of FOXD3 expression in Jurkat (A); K562 (B); NIH3T3 (C) whole cell lysates

Fig. B. Immunohistochemical analysis of FOXD3 staining in human prostate cancer formalin fixed paraffin embedded tissue section.

RELATED PRODUCTS:

- GFAP Antibody (Cat. No. 3206)
- Vimentin Antibody (Cat. No. 3634)
- Fibronectin Antibody (Cat. No. 3630)
- FGF-2 Antibody (Cat. No. 5039)
- Anti-CD133 Antibody (Cat. No. A1622)
- Anti-CHRDL1 Antibody (Cat. No. A1623)

FOR RESEARCH USE ONLY! Not to be used on humans.