



# FoxD4 rabbit pAb

Cat No.:ES5281

For research use only

## Overview

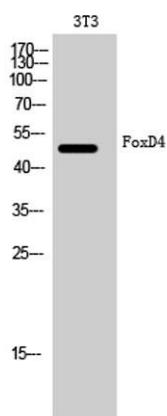
<b>Product Name</b>	FoxD4 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	Synthesized peptide derived from the Internal region of human FoxD4.
<b>Specificity</b>	FoxD4 Polyclonal Antibody detects endogenous levels of FoxD4 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Forkhead box protein D4
<b>Gene Name</b>	FOXD4
<b>Cellular localization</b>	Nucleus.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	47kD
<b>Human Gene ID</b>	2298
<b>Human Swiss-Prot Number</b>	Q12950
<b>Alternative Names</b>	FOXD4; FKHL9; FOXD4A; FREAC5; Forkhead box protein D4; Forkhead-related protein FKHL9; Forkhead-related transcription factor 5; FREAC-5; Myeloid factor-alpha
<b>Background</b>	This gene encodes a member of the forkhead/winged helix-box (FOX) family of transcription factors. FOX transcription factors play critical roles in the regulation of multiple processes including metabolism, cell proliferation and gene





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expression during ontogenesis. Mutations in this gene are associated with a complex phenotype consisting of dilated cardiomyopathy, obsessive-compulsive disorders, and suicidality. [provided by RefSeq, Mar 2012],



Western Blot analysis of 3T3 cells using FoxD4 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



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