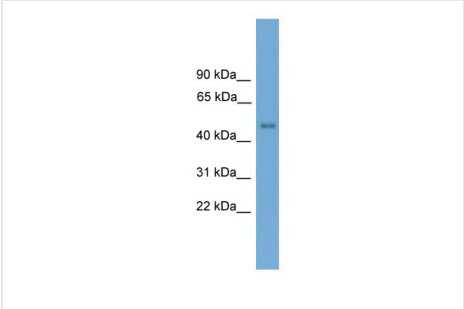
FOXD4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Foxd4, Polyclonal Antibody
Full Product Name	Foxd4 antibody - N-terminal region
Product Gene Name	anti-FOXD4 antibody
Product Synonym Gene Name	FREAC5; Fkh2
Immunogen Sequence	Synthetic peptide located within the following region: MNSARAGHLR STPPPSPLSS DQDEVEIDVL AEEEDGDQTE EEDDEEESHK
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse, Rat
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity Purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	Foxd4 peptide (MBS3228307) is used for blocking the activity of Foxd4 antibody (MBS3203337)
Molecular Weight	48kDa
3D Structure	ModBase 3D Structure for Q60688
Homology	Mouse: 100%; Rat: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of mouse Foxd4
Product Categories/Family for anti-FOXD4 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Factors
Applications Tested/Suitable for anti-FOXD4 antibody	Western Blot (WB)
Related Product Information for anti-FOXD4 antibody	This is a rabbit polyclonal antibody against Foxd4. It was validated on Western Blot Target Description: The function of this protein remains unknown.
Other Notes	Small volumes of anti-FOXD4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FOXD4 purchase	MBS3203337 is an antibody targeting FOXD4. Also known as Foxd4 antibody - N-terminal region. Reactive in Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-FOXD4 antibody
WB Suggested Anti-Foxd4 Antibody Titration: 0.2-1 ug/mlPositive Control: Mouse Liver

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FOXD4. It may not necessarily be applicable to this product.

NCBI GI #	6679841
NCBI GeneID	14237
NCBI Accession #	NP_032048
UniProt Primary Accession #	Q60688
UniProt Related Accession #	Q60688
GenBank Nucleotide #	NM_008022
NCBI Official Full Name	forkhead box protein D4
NCBI Official Synonym Full Names	forkhead box D4
NCBI Official Symbol	Foxd4
NCBI Official Synonym Symbols	Fkh2; FREAC5
UniProt Protein Name	Forkhead box protein D4
UniProt Synonym Protein Names	Forkhead-related protein FKHL9; Forkhead-related transcription factor 5; FREAC-5; Transcription factor FKH-2
Protein Family	Forkhead box protein
UniProt Gene Name	Foxd4
UniProt Synonym Gene Names	Fkh2; Fkhl9; Freac5; FREAC-5
UniProt Entry Name	FOXD4_MOUSE
NCBI Protein Information	forkhead box protein D4
Research Articles on FOXD4	**1.** We demonstrate that mouse and human homologs of Foxd4l1 have similar functional domains compared to the frog protein, as well as conserved transcriptional activities when expressed in Xenopus embryos and blastomere explants.
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