FX4L1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FX4L1, Polyclonal Antibody
Full Product Name	FX4L1, NT (FOXD4L1, Forkhead box protein D4-like 1) (MaxLight 405)
Product Gene Name	anti-FX4L1 antibody
Product Synonym Gene Name	FOXD4L1
Product Synonym Names	FOXD4L1; Forkhead box protein D4-like 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	43,610 Da
Chromosome Location	Chromosome: 2; NC_000002.11 (114256661..114258727). Location: 2q13
OMIM	611084
3D Structure	ModBase 3D Structure for Q9NU39
Immunogen	FX4L1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human FX4L1.
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-FX4L1 antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-FX4L1 antibody	Flow Cytometry (FC/FACS), FLISA, Western Blot (WB)
Application Notes for anti-FX4L1 antibody	FC/FACS: 1:10-50 FLISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-FX4L1 antibody	This gene is a member of the forkhead/winged-helix (FOX) family of transcription factors with highly conserved FOX DNA-binding domains. Members of the FOX family of transcription factors are regulators of embryogenesis and may play a role in human cancer. This gene lies in a region of chromosome 2 that surrounds the site where two ancestral chromosomes fused to form human chromosome 2. This region is duplicated elsewhere in the human genome, primarily in subtelomeric and pericentromeric locations, thus mutiple copies of this gene have been found.

Product References and Citations for anti-FX4L1 antibody	Hillier, L.W., et al. Nature 434(7034):724-731(2005). Wong, A., et al. Genomics 84(2):239-247(2004). Fan, Y., et al. Genome Res. 12(11):1663-1672(2002).
Other Notes	Small volumes of anti-FX4L1 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 FX4L1 purchase	MBS6300449 is an antibody targeting FX4L1. Also known as FX4L1, NT (FOXD4L1, Forkhead box protein D4-like 1) (MaxLight 405). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FX4L1. It may not necessarily be applicable to this product.

NCBI GI #	18959276
NCBI GeneID	200350
NCBI Accession #	NP_036316.1
UniProt Primary Accession #	Q9NU39
UniProt Secondary Accession #	B3KWN1; B9EGF3
UniProt Related Accession #	Q9NU39
GenBank Nucleotide #	NM_012184.4
NCBI Official Full Name	forkhead box protein D4-like 1
NCBI Official Synonym Full Names	forkhead box D4-like 1
NCBI Official Symbol	FOXD4L1
NCBI Official Synonym Symbols	FOXD5; bA395L14.1
UniProt Protein Name	Forkhead box protein D4-like 1
UniProt Gene Name	FOXD4L1
UniProt Synonym Gene Names	FOXD4-like 1
UniProt Entry Name	FX4L1_HUMAN
NCBI Protein Information	forkhead box protein D4-like 1; FOXD4-like 1; forkhead box D4 like 1
UniProt Comments for FX4L1	FOXD4L1: Protein type: DNA-binding Chromosomal Location of Human Ortholog: 2q13 Cellular Component: nucleus Molecular Function: sequence-specific DNA binding Biological Process: regulation of transcription from RNA polymerase II promoter; transcription from RNA polymerase II promoter
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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