FOXB2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FOXB2, Polyclonal Antibody
Full Product Name	FOXB2, NT (FOXB2, Forkhead box protein B2) (MaxLight 650)
Product Gene Name	anti-FOXB2 antibody
Product Synonym Names	FOXB2; Forkhead box protein B2
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 MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography, followed by Peptide Affinity Purification.
Specificity	Recognizes human FOXB2. Predicted to cross-react with mouse and Xenopus based on sequence homology.
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: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	45,581 Da
Chromosome Location	Chromosome: 9; NC_000009.11 (79634571..79635869). Location: 9q21.2
3D Structure	ModBase 3D Structure for Q5VYV0
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment within aa 58-86 in the N-terminal region of human FOXB2.
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-FOXB2 antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-FOXB2 antibody	Western Blot (WB), FLISA
Application Notes for anti-FOXB2 antibody	WB: 1:1,000 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-FOXB2 antibody	MBS6299717 is an antibody targeting FOXB2. Also known as FOXB2, NT (FOXB2, Forkhead box protein B2) (MaxLight 650). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-FOXB2 antibody	Humphray, S.J., et al. Nature 429(6990):369-374(2004).
Other Notes	Small volumes of anti-FOXB2 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FOXB2. It may not necessarily be applicable to this product.

NCBI GI #	61966923
NCBI GeneID	442425
NCBI Accession #	NP_001013757.1
UniProt Primary Accession #	Q5VYV0
UniProt Related Accession #	Q5VYV0
GenBank Nucleotide #	NM_001013735.1
NCBI Official Full Name	forkhead box protein B2
NCBI Official Synonym Full Names	forkhead box B2
NCBI Official Symbol	FOXB2
NCBI Official Synonym Symbols	bA159H20.4
UniProt Protein Name	Forkhead box protein B2
Protein Family	Forkhead box protein
UniProt Gene Name	FOXB2
UniProt Entry Name	FOXB2_HUMAN
NCBI Protein Information	forkhead box protein B2
UniProt Comments for FOXB2	FOXB2: Transcription factor (Probable). Protein type: DNA-binding Chromosomal Location of Human Ortholog: 9q21.2 Cellular Component: nucleus Molecular Function: sequence-specific DNA binding Biological Process: transcription from RNA polymerase II promoter; regulation of 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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