RBFOX1 Peptide-Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	RBFOX1, Blocking Peptide
Full Product Name	RBFOX1 Peptide-middle region
Product Gene Name	RBFOX1 blocking peptide
Product Synonym Names	A2bp; A2bp1; fox-1; Hrnbp1
Sequence	HTLNLYPPTQ THSEQSADTS AQTVSGTATQ TDDAAPTDGQ PQTQPSENTE
Species Reactivity	Mouse
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	RBFOX1 peptide (MBS3249507) is used for blocking the activity of RBFOX1 antibody (MBS3249833)
Molecular Weight	41kDa
Quality Control	The peptide is characterized by mass spectroscopy
Protein Size	376 amino acids
Related Product Information for RBFOX1 blocking peptide	This is a synthetic peptide designed for use in combination with anti-RBFOX1 Antibody. It may block above mentioned antibody from binding to its target protein in western blot and/or immunohistochecmistry under proper experimental settings. Description of Target: RNA-binding protein that regulates alternative splicing events by binding to 5'-UGCAUGU-3' elements. Prevents binding of U2AF2 to the 3'-splice site. Regulates alternative splicing of tissue-specific exons and of differentially spliced exons during erythropoiesis.
Other Notes	Small volumes of RBFOX1 blocking peptide 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 RBFOX1 purchase	MBS3249507 is a blocking peptide targeting RBFOX1. Also known as RBFOX1 Peptide-middle region. Reactive in Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RBFOX1. It may not necessarily be applicable to this product.

NCBI GeneID	268859
NCBI Accession #	NM_021477.5
UniProt Primary Accession #	Q9JJ43
UniProt Related Accession #	NP_067452.2
UniProt Protein Name	RNA binding protein fox-1 homolog 1
UniProt Synonym Protein Names	Ataxin-2-binding protein 1; Fox-1 homolog A
Protein Family	RNA binding protein
UniProt Gene Name	Rbfox1

UniProt Synonym Gene Names	A2bp; A2bp1; Fox1
UniProt Comments for RBFOX1	RNA-binding protein that regulates alternative splicing events by binding to 5'-UGCAUGU-3' elements. Prevents binding of U2AF2 to the 3'-splice site. Regulates alternative splicing of tissue-specific exons and of differentially spliced exons during erythropoiesis.
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