ZFR Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ZFR, Polyclonal Antibody
Full Product Name	ZFR Antibody, Biotin conjugated
Product Gene Name	anti-ZFR antibody
Product Synonym Names	Zinc finger RNA-binding protein; hZFR; M-phase phosphoprotein homolog; ZFR
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: ZFR (MBS7110379) Biotin Conjugated Antibody: ZFR (MBS7110382)
Molecular Weight	117,012 Da
OMIM	AJ314790 mRNA
3D Structure	ModBase 3D Structure for Q96KR1
Immunogen	Recombinant Human Zinc finger RNA-binding protein (150-268AA)
Conjugation	Biotin
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-ZFR antibody	Epigenetics and Nuclear Signaling
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ZFR antibody	ELISA (EIA)
Related Product Information for anti-ZFR antibody	Involved in postimplantation and gastrulation stages of development. Involved in the nucleocytoplasmic shuttling of STAU2. Binds to DNA and RNA (By similarity).
Other Notes	Small volumes of anti-ZFR 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 ZFR purchase	MBS7110382 is an antibody targeting ZFR. Also known as ZFR Antibody, Biotin conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	34101286
NCBI GeneID	51663
NCBI Accession #	NP_057191.2
UniProt Primary Accession #	Q96KR1
UniProt Secondary Accession #	Q05C08; Q3B7X5; Q6P5A3; Q86UA0; Q9H6V4; Q9NTI1; Q9Y687; B2RNR5
UniProt Related Accession #	Q96KR1
GenBank Nucleotide #	NM_016107.4
NCBI Official Full Name	zinc finger RNA-binding protein
NCBI Official Synonym Full Names	zinc finger RNA binding protein
NCBI Official Symbol	ZFR
NCBI Official Synonym Symbols	ZFR1; SPG71
UniProt Protein Name	Zinc finger RNA-binding protein
UniProt Synonym Protein Names	M-phase phosphoprotein homolog
Protein Family	Zinc finger RNA-binding protein
UniProt Gene Name	ZFR
UniProt Synonym Gene Names	hZFR
NCBI Protein Information	zinc finger RNA-binding protein
NCBI Summary for ZFR	This gene encodes an RNA-binding protein characterized by its DZF (domain associated with zinc fingers) domain. The encoded protein may play a role in the nucleocytoplasmic shuttling of another RNA-binding protein, Staufen homolog 2, in neurons. Expression of this gene is regulated through alternative polyadenylation that mediates differential microRNA targeting. Elevated expression of this gene has been observed in human patients with pancreatic cancer and knockdown of this gene may result in reduced viability and invasion of pancreatic cancer cells. [provided by RefSeq, Sep 2016]
UniProt Comments for ZFR	Involved in postimplantation and gastrulation stages of development. Involved in the nucleocytoplasmic shuttling of STAU2. Binds to DNA and RNA ().
Research Articles on ZFR	**1.** polyadenylation allows differential negative feedback of human miRNA miR-579 on its host gene ZFR
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