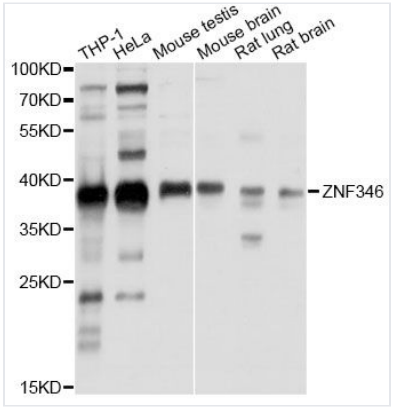
ZNF346 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ZNF346, Polyclonal Antibody
Full Product Name	ZNF346 Polyclonal Antibody
Product Gene Name	anti-ZNF346 antibody
Product Synonym Names	JAZ; Zfp346
Immunogen Sequence	MEYPAPATVQ AADGGAAGPY SSSELLEGQE PDGVRFDRER ARRLWEAVSG AQPVGREEVE HMIQKNQCLF TNTQCKVCCA LLISESQKLA HYQSKKHANK VKRYLAIHGM ETLKGETKKL DSDQKSSRSK DKNQCCPICN MTFSSPVVAQ SHYLGKTHAK NLKLKQQSTK VEALHQNREM IDPDKFCSLC HATFNDPVMA QQHYVGKKHR KQETKLKLMA RYGRLADPAV TDFPAGKGYP CKTCKIVLNS IEQYQ
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.
Molecular Weight	Calculated: 29kDa; 32kDa; 35kDa Observed: 33kDa
OMIM	AF083340 mRNA
3D Structure	ModBase 3D Structure for Q9UL40
Immunogen	Recombinant protein of human ZNF346
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm, Nucleus, nucleolus
Positive Samples	THP-1, HeLa, Mouse testis, Mouse brain, Rat lung, Rat brain
Product Categories/Family for anti-ZNF346 antibody	Polyclonal Antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ZNF346 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-ZNF346 antibody	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200
Related Product Information for anti-ZNF346 antibody	The protein encoded by this gene is a nucleolar, zinc finger protein that preferentially binds to double-stranded (ds) RNA or RNA/DNA hybrids, rather than DNA alone. Mutational studies indicate that the zinc finger domains are not only essential for dsRNA binding, but are also required for its nucleolar localization. The encoded protein may be involved in cell growth and survival. It plays a role in protecting neurons by inhibiting cell cycle re-entry via stimulation of p21 gene expression. Alternative splicing of this gene results in multiple transcript variants.

Other Notes	Small volumes of anti-ZNF346 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 ZNF346 purchase	MBS9133448 is an antibody targeting ZNF346. Also known as ZNF346 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-ZNF346 antibody
Western blot analysis of extracts of various cell lines, using ZNF346 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Enhanced Kit.Exposure time: 1s.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ZNF346. It may not necessarily be applicable to this product.

NCBI GI #	815891078
NCBI GeneID	23567
NCBI Accession #	NP_001295142.1
UniProt Primary Accession #	Q9UL40
UniProt Secondary Accession #	Q68CV9; Q6ZMW1; B7Z367
UniProt Related Accession #	Q9UL40
GenBank Nucleotide #	NM_001308213.1
NCBI Official Full Name	zinc finger protein 346 isoform b
NCBI Official Synonym Full Names	zinc finger protein 346
NCBI Official Symbol	ZNF346
NCBI Official Synonym Symbols	JAZ; Zfp346
UniProt Protein Name	Zinc finger protein 346
UniProt Synonym Protein Names	Just another zinc finger protein
Protein Family	Zinc finger protein
UniProt Gene Name	ZNF346
UniProt Synonym Gene Names	JAZ
NCBI Protein Information	zinc finger protein 346
UniProt Comments for ZNF346	Binds with low affinity to dsDNA and ssRNA, and with high affinity to dsRNA, with no detectable sequence specificity (PubMed:24521053). May bind to specific miRNA hairpins (PubMed:28431233).

Research Articles on ZNF346	**1.** JAZ directly binds E2F1 in vitro in a dsRNA-independent manner, and JAZ's dsRNA binding ZF domains, which are necessary for localizing JAZ to the nucleus, are required for repression of transcriptional activity in vivo.
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-rat-antibody/znf346/9133448