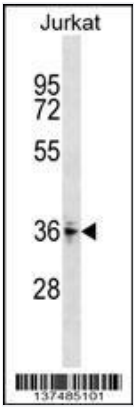
ZNF346 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ZNF346, Polyclonal Antibody
Full Product Name	ZNF346, ID (ZNF346, JAZ, Zinc finger protein 346, Just another zinc finger protein) (FITC)
Product Gene Name	anti-ZNF346 antibody
Product Synonym Names	ZNF346; JAZ; Zinc finger protein 346; Just another zinc finger protein
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 Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	29,267 Da
OMIM	605308
3D Structure	ModBase 3D Structure for Q9UL40
Immunogen	ZNF346 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 187-214 amino acids from the Central region of human ZNF346.
Conjugate	FITC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-ZNF346 antibody	Antibodies; Transcription Factors; Zinc (Ring) Finger
Applications Tested/Suitable for anti-ZNF346 antibody	Western Blot (WB), FLISA
Application Notes for anti-ZNF346 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
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.
Product References and Citations for anti-ZNF346 antibody	Chen, T., et al. Mol. Cell. Biol. 24(15):6608-6619(2004). Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000). Yang, M., et al. J. Biol. Chem. 274(39):27399-27406(1999).

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	MBS6366319 is an antibody targeting ZNF346. Also known as ZNF346, ID (ZNF346, JAZ, Zinc finger protein 346, Just another zinc finger protein) (FITC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-ZNF346 antibody
ZNF346 Antibody (Center) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the ZNF346 antibody detected the ZNF346 protein (arrow).

ADDITIONAL DETAILS

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

NCBI GI #	6912440
NCBI GeneID	23567
NCBI Accession #	NP_036411.1
UniProt Primary Accession #	Q9UL40
UniProt Secondary Accession #	Q68CV9; Q6ZMW1; B7Z367
UniProt Related Accession #	Q9UL40
GenBank Nucleotide #	NM_012279.2
NCBI Official Full Name	zinc finger protein 346
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
UniProt Entry Name	ZN346_HUMAN
NCBI Protein Information	zinc finger protein 346; double-stranded RNA-binding zinc finger protein JAZ; just another zinc finger protein

UniProt Comments for ZNF346	ZNF346: Binds to dsRNA and DNA. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Nucleolus Chromosomal Location of Human Ortholog: 5q35.2 Cellular Component: nucleoplasm; cytoplasm; nucleolus; nucleus Molecular Function: protein binding; enzyme binding; zinc ion binding; double-stranded RNA binding Biological Process: positive regulation of apoptosis
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.
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