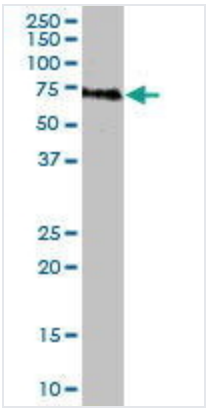
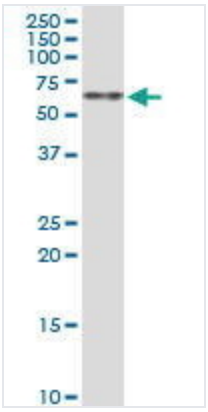
ZNF461 Antibody – Mouse Polyclonal

PRODUCT OVERVIEW

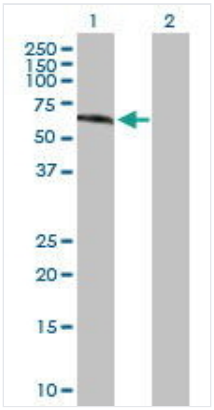
Product Name	ZNF461, Polyclonal Antibody
Full Product Name	ZNF461 (Zinc Finger Protein 461, Gonadotropin-inducible Ovary Transcription Repressor 1, GIOT1, GIOT-1)
Product Gene Name	anti-ZNF461 antibody
Product Synonym Names	Anti -ZNF461 (Zinc Finger Protein 461, Gonadotropin-inducible Ovary Transcription Repressor 1, GIOT1, GIOT-1)
Immunogen Sequence	MAHELVMFRD VAIDVSQEEW ECLNPAQRNL YKEVMLENYS NLVSLGLSVS KPAVISSLEQ GKEPWMVVRE ETGRWCPGTW KTWGFHNNFL DNNEATDINA DLASRDEPQK LSPKRDIYET ELSQWVNMEE FKSHSPERSI FSAIWEGNCH FEQHQGQEEG YFRQLMINHE NMPIFSQHTL LTQEFYDREK ISECKKCRKI FSYHLFFSHH KRTHSKELSE CKECTEIVNT PCLFKQQTIQ NGDKCNECKE CWKAFVHCSQ LKHLRIHNGE KRYECNECGK AFNYGSELTL HQRIHTGEKP YECKECGKAF RQRSQLTQHQ RLHTGEKPYE CKQCGKAFIR GFQLTEHLRL HTGEKPYECK ECGKTFRHRS HLTIHQRIHT GEKPYECREC GKAFSYHSSF SHHQKIHSGK KPYECHECGK AFCDGLQLTL HQRIHTGEKP YECKECGKTF RQCSHLKRHQ RIHTGEKPHE CMICGKAFRL HSHLIQHQRI HTGEKPYECK ECGKAFSYHS SFSHHQRIHS GKKPYQCGKA FNHRLQLNLH QTLHTGEKPV RFPLLPPHPS LAS
Clonality	Polyclonal
Isotype	IgG
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Recognizes human ZNF461.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	66,214 Da
Chromosome Location	Chromosome: 19; NC_000019.9 (37128283..37157740, complement). Location: 19q13.12
OMIM	608640
3D Structure	ModBase 3D Structure for Q8TAF7
Immunogen	Full length human ZNF461, aa1-563 (NP_694989.2).
Product Categories/Family for anti-ZNF461 antibody	Antibodies; Abs to Transcription Factors; Zinc (Ring) Finger
Applications Tested/Suitable for anti-ZNF461 antibody	Western Blot (WB), Immunofluorescence (IF)
Application Notes for anti-ZNF461 antibody	Suitable for use in Immunofluorescence and Western Blot. Dilution: Immunofluorescence: 10ug/ml
Related Product Information for anti-ZNF461 antibody	MBS647271 is an antibody targeting ZNF461. Also known as ZNF461 (Zinc Finger Protein 461, Gonadotropin-inducible Ovary Transcription Repressor 1, GIOT1, GIOT-1). Reactive in Human. Host: Mouse.
Other Notes	Small volumes of anti-ZNF461 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.



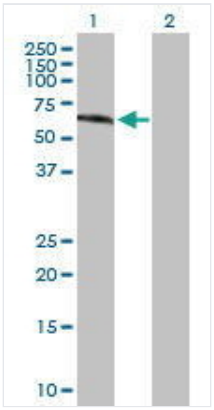
Western Blot (WB) of anti-ZNF461 antibody
GIOT-1 M polyclonal antibody. Western Blot analysis of GIOT-1 expression in human liver.



Western Blot (WB) of anti-ZNF461 antibody
ZNF461 polyclonal antibody. Western Blot analysis of ZNF461 expression in Jurkat.



Western Blot (WB) of anti-ZNF461 antibody
Western Blot analysis of ZNF461 expression in transfected 293T cell line by ZNF461 polyclonal antibody. Lane 1: GIOT-1 transfected lysate (61.93kD). Lane 2: Non-transfected lysate.



Immunofluorescence (IF) of anti-ZNF461 antibody
Immunofluorescence of purified antibody to ZNF461 on HepG2 cell. [antibody concentration 10ug/ml].

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ZNF461. It may not necessarily be applicable to this product.

NCBI GI #	46371195
NCBI GeneID	92283
NCBI Accession #	NP_694989.2
UniProt Primary Accession #	Q8TAF7
UniProt Secondary Accession #	Q6VSF7; Q9ULZ8; A8K9W9
UniProt Related Accession #	Q8TAF7
GenBank Nucleotide #	NM_153257.2
NCBI Official Full Name	zinc finger protein 461
NCBI Official Synonym Full Names	zinc finger protein 461
NCBI Official Symbol	ZNF461
NCBI Official Synonym Symbols	GIOT1; GIOT-1
UniProt Protein Name	Zinc finger protein 461
UniProt Synonym Protein Names	Gonadotropin-inducible ovary transcription repressor 1
Protein Family	Zinc finger protein

UniProt Gene Name	ZNF461
UniProt Synonym Gene Names	GIOT1; GIOT-1
UniProt Entry Name	ZN461_HUMAN
NCBI Protein Information	zinc finger protein 461; gonadotropin inducible transcription repressor 1; gonadotropin-inducible ovary transcription repressor 1
UniProt Comments for ZNF461	Function: May be involved in transcriptional regulation. Subcellular location: Nucleus Probable. Tissue specificity: Widely expressed, with highest levels in liver, kidney, pancreas, thymus, and small intestine. Ref.1 Sequence similarities: Belongs to the krueppel C2H2-type zinc-finger protein family.Contains 12 C2H2-type zinc fingers.Contains 1 KRAB domain.
Research Articles on ZNF461	**1.** Molecular cloning and tissue distribution of ZNF461.
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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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.

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