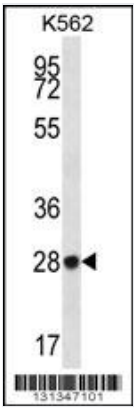
ZNF146 Antibody – Rabbit Polyclonal

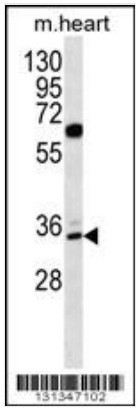
PRODUCT OVERVIEW

Product Name	ZNF146, Polyclonal Antibody
Full Product Name	ZNF146 Antibody (N-term)
Product Gene Name	anti-ZNF146 antibody
Product Synonym Names	Zinc finger protein OZF; Only zinc finger protein; Zinc finger protein 146; ZNF146; OZF
Clonality	Polyclonal
Isotype	Rabbit Ig
Host	Rabbit
Species Reactivity	Human, mouse
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Concentration	Vial Concentration: 0.28 (lot specific)
Specificity	This ZNF146 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-45 amino acids from the N-terminal region of human ZNF146.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	ZNF146 peptide (MBS9219082) is used for blocking the activity of ZNF146 antibody (MBS9214457)
Molecular Weight	33308
Immunogen Sequence Positions	17-45
OMIM	601505
3D Structure	ModBase 3D Structure for Q15072
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Product Categories/Family for anti-ZNF146 antibody	Cancer
Applications Tested/Suitable for anti-ZNF146 antibody	Western Blot (WB), ELISA (EIA), Flow Cytometry (FC/FACS)
Application Notes for anti-ZNF146 antibody	WB~~1:1000
Related Product Information for anti-ZNF146 antibody	The ZNF146 protein is a 33 kDa Kruppel protein, composed solely of 10 zinc finger motifs. ZNF146 overexpression in tumours may alter the balance between hRap1 and other telomeric proteins; therefore ZNF146 function may be linked to telomere regulation. ZNF146 is strongly overexpressed in many pancreas and colorectal cancers. Increased gene copy numbers are detected in 3 of 12 tumor cell lines and 2 of 12 primary pancreatic carcinomas. ZNF146 is overexpresseed in 80% of colorectal cancers.

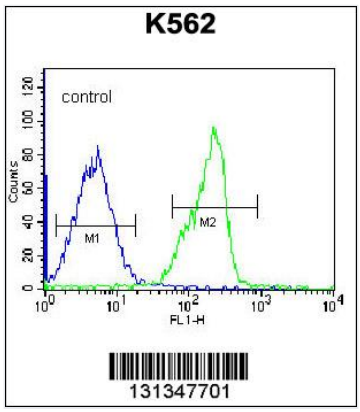
Product References and Citations for anti-ZNF146 antibody	Antoine, K., et al. J. Cell. Biochem. 95(4):763-768(2005) Antoine, K., et al. Mol. Cell. Biochem. 271 (1-2), 215-223 (2005) : Grimwood, J., et al. Nature 428(6982):529-535(2004) Ferbus, D., et al. J. Pathol. 200(2):177-182(2003) Pibouin, L., et al. Cytogenet. Cell Genet. 92 (1-2), 80-84 (2001) :
Other Notes	Small volumes of anti-ZNF146 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 ZNF146 purchase	MBS9214457 is an antibody targeting ZNF146. Also known as ZNF146 Antibody (N-term). Reactive in Human, mouse. Host: Rabbit.



Western Blot (WB) of anti-ZNF146 antibody
ZNF146 Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the ZNF146 antibody detected the ZNF146 protein (arrow).



Western Blot (WB) of anti-ZNF146 antibody
ZNF146 Antibody (N-term) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the ZNF146 antibody detected the ZNF146 protein (arrow).



Flow Cytometry (FC/FACS) of anti-ZNF146 antibody
ZNF146 Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ZNF146. It may not necessarily be applicable to this product.

NCBI GI #	153791687
NCBI GeneID	7705
NCBI Accession #	NP_001093108.1
NCBI Related Accession #	NP_001093109.1; NP_009076.2
UniProt Primary Accession #	Q15072
UniProt Secondary Accession #	Q2TB94

UniProt Related Accession #	Q15072
GenBank Nucleotide #	NM_001099638.1
NCBI Official Full Name	zinc finger protein OZF
NCBI Official Synonym Full Names	zinc finger protein 146
NCBI Official Symbol	ZNF146
NCBI Official Synonym Symbols	OZF
UniProt Protein Name	Zinc finger protein OZF
UniProt Synonym Protein Names	Only zinc finger protein; Zinc finger protein 146
Protein Family	Zinc finger protein
UniProt Gene Name	ZNF146
UniProt Synonym Gene Names	OZF
UniProt Entry Name	OZF_HUMAN
NCBI Protein Information	zinc finger protein OZF
UniProt Comments for ZNF146	ZNF146: Belongs to the krueppel C2H2-type zinc-finger protein family. Protein type: C2H2-type zinc finger protein; DNA-binding Chromosomal Location of Human Ortholog: 19q13.1 Cellular Component: cytoplasm; nucleolus; nucleus Molecular Function: heparin binding; DNA binding; zinc ion binding; transcription factor activity Biological Process: regulation of transcription, DNA-dependent
Research Articles on ZNF146	**1.** OZF overexpression in tumours may alter the balance between hRap1 and other telomeric proteins; therefore OZF function may be linked to telomere regulation
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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