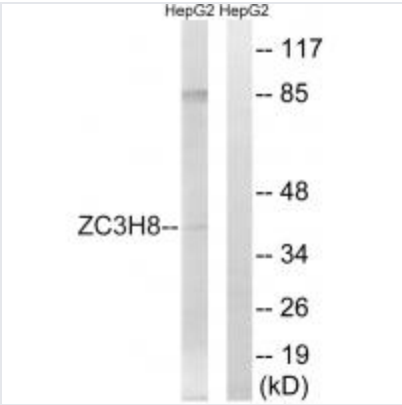
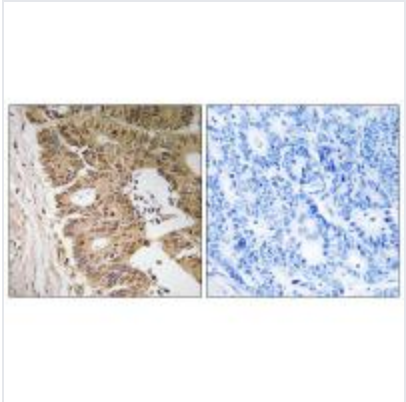
ZC3H8 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ZC3H8, Polyclonal Antibody
Full Product Name	ZC3H8 Antibody
Product Gene Name	anti-ZC3H8 antibody
Product Synonym Names	Zinc finger CCCH domain-containing protein 8; ZC3H8; ZC3HDC8
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1.0 mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total ZC3H8 protein.
Preparation and Storage	Store at -20 degree C
Molecular Weight	33,576 Da
3D Structure	ModBase 3D Structure for Q8N5P1
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human ZC3H8.
Target Name	ZC3H8
Product Categories/Family for anti-ZC3H8 antibody	Total protein Ab
Applications Tested/Suitable for anti-ZC3H8 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-ZC3H8 antibody	Western blotting: 1:500~1:3000 Immunohistochemistry: 1:50~1:100
Related Product Information for anti-ZC3H8 antibody	Acts as a transcriptional repressor of the GATA3 promoter. Sequence-specific DNA-binding factor that binds to the 5'-AGGTCTC-3' sequence within the negative cis-acting element intronic regulatory region (IRR) of the GATA3 gene By similarity. Induces thymocyte apoptosis when overexpressed, which may indicate a role in regulation of thymocyte homeostasis.Zhuang D.Z., Submitted (JAN-2001) to the EMBL/GenBank/DDBJ databases.The MGC Project Team, Genome Res. 14:2121-2127(2004).Hwang E.S., Immunology 106:464-469(2002).
Other Notes	Small volumes of anti-ZC3H8 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 ZC3H8 purchase	MBS9406295 is an antibody targeting ZC3H8. Also known as ZC3H8 Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-ZC3H8 antibody
Western blot analysis of extracts from HepG2 cells, using ZC3H8 antibody.



Immunohistochemistry (IHC) of anti-ZC3H8 antibody
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using ZC3H8 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ZC3H8. It may not necessarily be applicable to this product.

NCBI GI #	217416362
NCBI GeneID	84524
NCBI Accession #	NP_115883.2
UniProt Primary Accession #	Q8N5P1
UniProt Secondary Accession #	Q9BZ75
UniProt Related Accession #	Q8N5P1
GenBank Nucleotide #	NM_032494.2
NCBI Official Full Name	zinc finger CCCH domain-containing protein 8
NCBI Official Synonym Full Names	zinc finger CCCH-type containing 8
NCBI Official Symbol	ZC3H8
NCBI Official Synonym Symbols	Fliz1; ZC3HDC8
UniProt Protein Name	Zinc finger CCCH domain-containing protein 8
Protein Family	Zinc finger CCCH domain-containing protein
UniProt Gene Name	ZC3H8
UniProt Synonym Gene Names	ZC3HDC8
UniProt Entry Name	ZC3H8_HUMAN
NCBI Protein Information	zinc finger CCCH domain-containing protein 8

UniProt Comments for ZC3H8	ZC3H8: Acts as a transcriptional repressor of the GATA3 promoter. Sequence-specific DNA-binding factor that binds to the 5'-AGGTCTC-3' sequence within the negative cis-acting element intronic regulatory region (IRR) of the GATA3 gene. Induces thymocyte apoptosis when overexpressed, which may indicate a role in regulation of thymocyte homeostasis. Protein type: DNA-binding Chromosomal Location of Human Ortholog: 2q13 Cellular Component: Cajal body; transcription elongation factor complex; nucleus Molecular Function: protein binding; sequence-specific DNA binding; metal ion binding; transcription factor activity Biological Process: response to antibiotic; apoptosis; snRNA transcription from RNA polymerase II promoter; positive regulation of transcription from RNA polymerase III promoter; T cell homeostasis; negative regulation of T cell differentiation in the thymus; negative regulation of transcription, DNA-dependent; snRNA transcription from RNA polymerase III promoter
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