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	ZC3HDC8; Zinc finger CCCH domain-containing protein 8
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat, Monkey
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of ZC3H8 protein.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	33,576 Da
Chromosome Location	Chromosome: 2; NC_000002.11 (112973439..113012664, complement). Location: 2q13
3D Structure	ModBase 3D Structure for Q8N5P1
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ZC3H8. The exact sequence is proprietary.
Product Categories/Family for anti-ZC3H8 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ZC3H8 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-ZC3H8 antibody	WB: 1:500-1:1000 IHC: 1:50-1:200
Related Product Information for anti-ZC3H8 antibody	MBS8581582 is an antibody targeting ZC3H8. Also known as ZC3H8 Antibody. Reactive in Human, Mouse, Rat, Monkey. Host: Rabbit. Rabbit polyclonal antibody to ZC3H8
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.

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; zinc finger CCCH type domain containing 8; zinc finger CCCH-type domain containing 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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