Rabbit anti-Human, Mouse ZC3H8 Polyclonal Antibody | anti-ZC3H8 antibody

ZC3H8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325266	**Rabbit**	**Human, Mouse**	**ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

ZC3H8; Polyclonal Antibody; ZC3H8 Antibody; Fliz1; Zc3h8; ZC3H8_HUMAN; Zinc finger CCCH domain containing protein 8; Zinc finger CCCH domain-containing protein 8; anti-ZC3H8 antibody

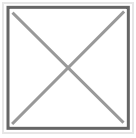
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	ZC3H8 antibody detects endogenous levels of total ZC3H8
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	291
Applicable Applications for anti-ZC3H8 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus
Predicted Cross Reactivity	**Pig, Dog**
Similarity	Pig (85%), Dog (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES

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

IHC (Immunohiostchemistry)
AAA325266 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)
AAA325266 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ZC3H8 antibody	Function: 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). Component of the little elongation complex (LEC), a complex required to regulate small nuclear RNA (snRNA) gene transcription by RNA polymerase II and III (PubMed:23932780). Induces thymocyte apoptosis when overexpressed, which may indicate a role in regulation of thymocyte homeostasis. Subunit Structure: Component of the little elongation complex (LEC), at least composed of ELL (ELL, ELL2 or ELL3), ZC3H8, ICE1 and ICE2. Interacts with ICE1 (via C-terminus domain). Similarity: The N-terminal region and all three C3H1-type zinc fingers are necessary to induce transcriptional repression.

NCBI AND UNIPROT INFORMATION

NCBI GI #	217416362
NCBI GeneID	84524
NCBI Accession #	NP_115883.2
NCBI GenBank Nucleotide #	NM_032494.2
UniProt Accession #	Q8N5P1; Q9BZ75
Molecular Weight	Observed: 40 kD Predicted: 34 kDa
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
NCBI Protein Information	zinc finger CCCH domain-containing protein 8
UniProt Protein Name	Zinc finger CCCH domain-containing protein 8
UniProt Gene Name	**ZC3H8**
UniProt Synonym Gene Names	ZC3HDC8

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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