Rabbit ZNF148 Polyclonal Antibody | anti-ZNF148 antibody

ZNF148 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324167	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

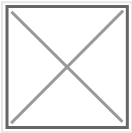
ZNF148; Polyclonal Antibody; ZNF148 Antibody; Transcription factor ZBP-89; Transcription factor ZBP89; ZBP89; Zinc finger DNA binding protein 89; Zinc finger DNA-binding protein 89; Zinc finger protein 148; ZN148_HUMAN; ZNF 148; anti-ZNF148 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ZNF148 antibody detects endogenous levels of total ZNF148
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	794
Applicable Applications for anti-ZNF148 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
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 ZNF148 antibody.The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohiostchemistry)
AAA324167 at 1/100 staining Human breast cancer 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)
AAA324167 staining HepG2 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-ZNF148 antibody	Function: Involved in transcriptional regulation. Represses the transcription of a number of genes including gastrin, stromelysin and enolase. Binds to the G-rich box in the enhancer region of these genes. Subunit Structure: Interacts with HNRNPDL (PubMed:15190078). Interacts with the 5FMC complex; the interaction requires association with CHTOP. Interacts with CAVIN1 (By similarity). Post-translational Modifications: Sumoylated with SUMO2. Desumoylated by SENP3, resulting in the stimulation of transcription of its target genes (By similarity). Similarity: Belongs to the krueppel C2H2-type zinc-finger protein family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1143076908
NCBI GeneID	7707
NCBI Accession #	NP_001335353.1
NCBI GenBank Nucleotide #	NM_001348424.1
UniProt Accession #	Q9UQR1; O00389; O43591; Q58EY5; Q6PJ98; D3DN27
Molecular Weight	Observed: 89 kD Predicted: 89 kDa
NCBI Official Full Name	zinc finger protein 148 isoform a
NCBI Official Synonym Full Names	zinc finger protein 148
NCBI Official Symbol	ZNF148
NCBI Official Synonym Symbols	BERF-1; BFCOL1; GDACCF; ZBP-89; ZFP148; pHZ-52; HT-BETA
NCBI Protein Information	zinc finger protein 148
UniProt Protein Name	Zinc finger protein 148
UniProt Gene Name	**ZNF148**
UniProt Synonym Gene Names	ZBP89

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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