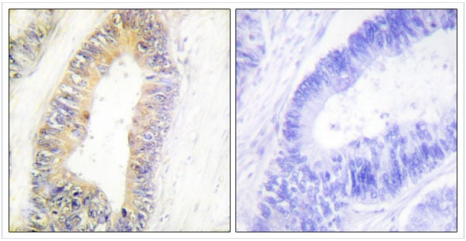
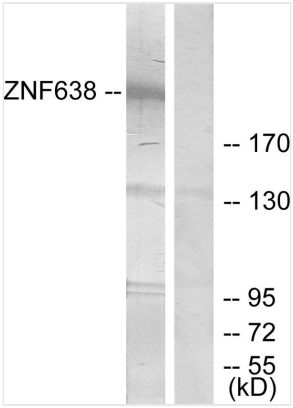
ZNF638 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ZNF638, Polyclonal Antibody
Full Product Name	ZNF638 Antibody
Product Gene Name	anti-ZNF638 antibody
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	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Concentration	1 mg/ml (lot specific)
Specificity	ZNF638 Antibody detects endogenous levels of total ZNF638 protein.
Preparation and Storage	Stable at -20 degree C for at least 1 year.
Molecular Weight	220 kDa
OMIM	D83032 mRNA
3D Structure	ModBase 3D Structure for Q14966
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human ZNF638.
Immunogen Range	1271-1320
Applications Tested/Suitable for anti-ZNF638 antibody	Western Blot (WB), Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-ZNF638 antibody	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000
Related Product Information for anti-ZNF638 antibody	MBS9505231 is an antibody targeting ZNF638. Also known as ZNF638 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-ZNF638 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.



Immunohistochemistry (IHC) of anti-ZNF638 antibody
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using ZNF638 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot (WB) of anti-ZNF638 antibody
Western blot analysis of lysates from HepG2 cells, treated with serum 20% 15', using ZNF638 Antibody. The lane on the right is blocked with the synthesized peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ZNF638. It may not necessarily be applicable to this product.

NCBI GI #	62526045
NCBI GeneID	27332
NCBI Accession #	NP_001014972.1
UniProt Primary Accession #	Q14966
UniProt Secondary Accession #	Q53R34; Q5XJ05; Q68DP3; Q6P2H2; Q7Z3T7; Q8NF92; Q8TCA1; Q9H2G1; Q9NP37; B5MDV1; B7ZLD1
UniProt Related Accession #	Q14966
GenBank Nucleotide #	NM_001014972.2
NCBI Official Full Name	zinc finger protein 638 isoform 1
NCBI Official Synonym Full Names	zinc finger protein 638
NCBI Official Symbol	ZNF638
NCBI Official Synonym Symbols	ZFML; NP220; Zfp638
UniProt Protein Name	Zinc finger protein 638
UniProt Synonym Protein Names	Cutaneous T-cell lymphoma-associated antigen se33-1; CTCL-associated antigen se33-1; Nuclear protein 220; Zinc finger matrin-like protein
Protein Family	Zinc finger protein
UniProt Gene Name	ZNF638
UniProt Synonym Gene Names	NP220; ZFML; CTCL-associated antigen se33-1
NCBI Protein Information	zinc finger protein 638
NCBI Summary for ZNF638	The protein encoded by this gene is a nucleoplasmic protein. It binds cytidine-rich sequences in double-stranded DNA. This protein has three types of domains: MH1, MH2 (repeated three times) and MH3. It is associated with packaging, transferring, or processing transcripts. Multiple alternatively spliced transcript variants have been found for this gene, but the biological validity of some variants has not been determined. [provided by RefSeq, Jul 2008]
UniProt Comments for ZNF638	Early regulator of adipogenesis that works as a transcription cofactor of CEBPs, controlling the expression of PPARG and probably of other proadipogenic genes, such as SREBF1 (). Binds to cytidine clusters in double-stranded DNA (PubMed:8647861). May also regulate alternative splicing of target genes during adipogenesis ().
Research Articles on ZNF638	**1.** ZNF638 is a novel and early regulator of adipogenesis that works as a transcription cofactor of C/EBPs.

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