# ZNF638 polyclonal antibody

Catalog # PAB17386 Size 100 ug

## Applications



### Western Blot (Cell lysate)

Western blot analysis of extracts from HepG2 cells, treated with serum (20%, 15 mins), using ZNF638 polyclonal antibody (Cat # PAB17386). Peptide "+" means "with peptide blocking".



### Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using ZNF638 polyclonal antibody (Cat # PAB17386). Peptide "+" means "with peptide blocking".

Specification	
Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ZNF638.
Immunogen	A synthetic peptide corresponding to internal of human ZNF638.
Host	Rabbit
Reactivity	Human
Specificity	This antibody detects endogenous levels of total ZNF638 protein.
Form	Liquid



### **Product Information**

Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) ELISA (1:20000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

## Applications

#### • Western Blot (Cell lysate)

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Peptide "+" means "with peptide blocking".

#### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using ZNF638 polyclonal antibody (Cat # PAB17386).

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## Gene Info — ZNF638

Entrez GenelD	<u>27332</u>
Protein Accession#	<u>Q14966</u>
Gene Name	ZNF638
Gene Alias	DKFZp686P1231, MGC26130, MGC90196, NP220, ZFML, Zfp638
Gene Description	zinc finger protein 638
Gene Ontology	<u>Hyperlink</u>
Gene Summary	The protein encoded by this gene is a nucleoplasmic protein. It binds cytidine-rich sequences in d ouble-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 alternati vely spliced transcript variants have been found for this gene, but the biological validity of some va riants has not been determined. [provided by RefSeq
Other Designations	CTCL tumor antigen se33-1 NP220 nuclear protein zinc finger, matrin-like



### **Publication Reference**

#### • Generation and annotation of the DNA sequences of human chromosomes 2 and 4.

Hillier LW, Graves TA, Fulton RS, Fulton LA, Pepin KH, Minx P, Wagner-McPherson C, Layman D, Wylie K, Sekhon M, Becker MC, Fewell GA, Delehaunty KD, Miner TL, Nash WE, Kremitzki C, Oddy L, Du H, Sun H, Bradshaw-Cordum H, Ali J, Carter J, Cordes M, Harris A, Isak A, van Brunt A, Nguyen C, Du F, Courtney L, Kalicki J, Ozersky P, Abbott S, Armstrong J, Belter EA, Caruso L, Cedroni M, Cotton M, Davidson T, Desai A, Elliott G, Erb T, Fronick C, Gaige T, Haakenson W, Haglund K, Holmes A, Harkins R, Ki

Nature 2005 Apr; 434(7034):724.

#### Serological detection of cutaneous T-cell lymphoma-associated antigens.

Eichmuller S, Usener D, Dummer R, Stein A, Thiel D, Schadendorf D.

Proc Natl Acad Sci U S A 2001 Jan; 98(2):629.

• <u>A large DNA-binding nuclear protein with RNA recognition motif and serine/arginine-rich domain.</u>

#### Inagaki H, Matsushima Y, Nakamura K, Ohshima M, Kadowaki T, Kitagawa Y.

The Journal of Biological Chemistry 1996 May; 271(21):12525.

Application: IF, WB, Human, HeLa cells