



## Rabbit Anti-ZNF186 antibody

SL7173R

<b>Product Name:</b>	ZNF186
<b>Chinese Name:</b>	Zinc finger protein186抗体
<b>Alias:</b>	Cos 12; hZNF2; ZNF73; Zinc finger protein 186; Zinc finger protein 73; ZNF 186; ZNF 73; ZNF186.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	38kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human ZNF186:1-100/326
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<b>Function:</b> ZNF73 may be involved in transcriptional regulation. E3 ubiquitin-protein ligase involved in postreplication repair of UV-damaged DNA. Postreplication repair functions in gap-filling of a daughter strand on replication of damaged DNA. Associates to the E2 ubiquitin conjugating enzyme UBE2B to form the

UBE2B-RAD18 ubiquitin ligase complex involved in mono-ubiquitination of DNA-associated PCNA on 'Lys-164'. Has ssDNA binding activity.

**Subunit:**

Homodimer. Interacts with UBE2A and UBE2B, one homodimer binding one molecule of UBE2B. Interacts with HLTF and SHPRH. Interacts with SPRTN; leading to enhance chromatin association of RAD18 and RAD18-mediated PCNA ubiquitination and translesion DNA synthesis.

**Subcellular Location:**

Nuclear.

**Similarity:**

Belongs to the RAD18 family.  
Contains 1 RING-type zinc finger.  
Contains 1 SAP domain.  
Contains 1 UBZ-type zinc finger.

**SWISS:**

O43830

**Gene ID:**

7624

**Database links:**

[Entrez Gene: 7624](#) Human

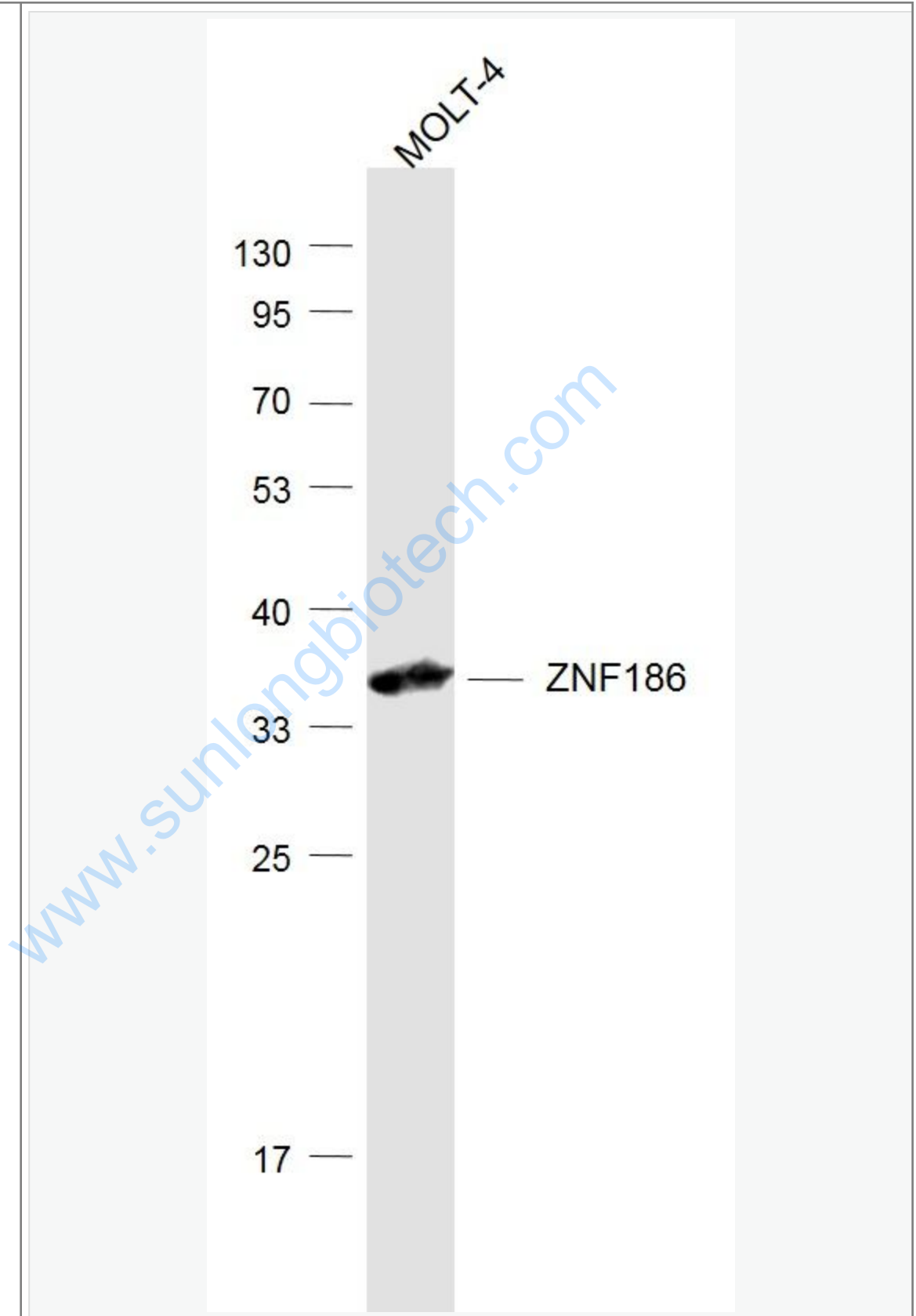
[Omim: 194547](#) Human

[SwissProt: O43830](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

MOLT-4 (Human) Cell Lysate at 30 ug

Primary: Anti- ZNF186 (SL7173R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 38 kD

Observed band size: 38 kD

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