



Rabbit Anti-ZNF195 antibody

SL12214R

Product Name:	ZNF195
Chinese Name:	Zinc finger protein195抗体
Alias:	Zinc finger protein 195; ZNFP104; ZN195 HUMAN .
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	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.
Molecular weight:	72kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Human ZNF195:521-629/629
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Krüppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. Zinc finger protein 195 (ZNF195), also known as ZNFP104, is a 629 amino acid member of the Krüppel C2H2-type zinc-finger protein family. Localized to the nucleus, ZNF195 is expressed in adult brain, heart, placenta,

pancreas and skeletal muscle and in fetal brain, lung and kidney. ZNF195 contains ten C2H2-type zinc fingers and one KRAB domain through which it is thought to be involved in DNA-binding and transcriptional regulation. Three isoforms of ZNF195 exist as a result of alternative splicing events.

Function:

Zinc finger proteins are an important class of eukaryotic DNA binding proteins. The zinc finger motif contains spatially conserved cysteines and histidines, which bind a zinc ion. The most common zinc finger motif is the C2H2 type, which was first identified in the *Drosophila* segmentation gene, Kruppel. The human genome has several hundred Kruppel related zinc finger genes. About one third of these human Kruppel type genes also code for a highly conserved region, the Kruppel associated box (KRAB domain), comprising approximately 75 amino acids found at the N terminal end. The zinc finger gene ZNF195 contains an N terminal KRAB domain and 14 tandemly repeated Kruppel type zinc finger motifs at its C terminus. ZNF195 may be involved in transcriptional regulation. It is expressed in adult heart, brain, placenta, skeletal muscle and pancreas, and in foetal lung, kidney and brain. There is little expression in adult lung, liver and kidney.

Subcellular Location:

Nuclear

Tissue Specificity:

Expressed in adult heart, brain, placenta, skeletal muscle and pancreas, and in fetal lung, kidney and brain. There is little expression in adult lung, liver and kidney.

Similarity:

Belongs to the krueppel C2H2-type zinc-finger protein family.

Contains 10 C2H2-type zinc fingers.

Contains 1 KRAB domain.

SWISS:

O14628

Gene ID:

7748

Database links:

[Entrez Gene: 7748](#)Human

[Omim: 602187](#)Human

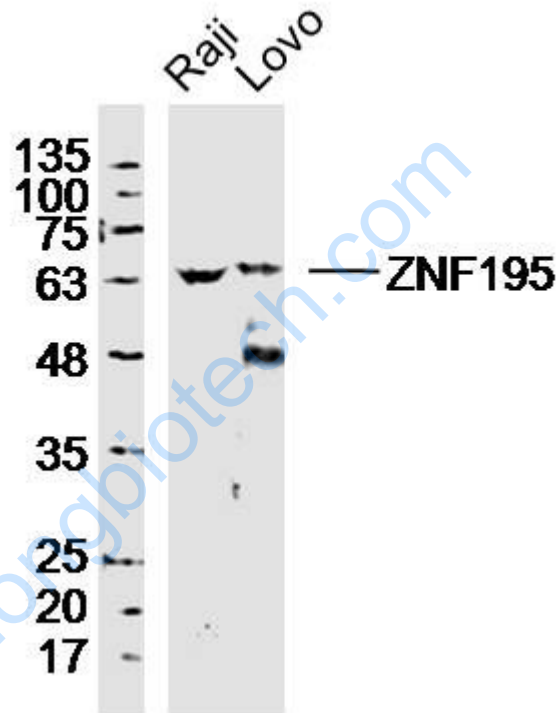
[SwissProt: O14628](#)Human

[Unigene: 386294](#)Human

Important Note:

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

Picture:



Sample:

Raji Cell (Human) Lysate at 40 ug

Lovo Cell (Human) Lysate at 40 ug

Primary: Anti-ZNF195 (SL12214R) at 1/300 dilution

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

Predicted band size: 72 kD

Observed band size: 65 kD