



Rabbit Anti-ZNF3 antibody

SL12216R

Product Name:	ZNF3
Chinese Name:	Zinc finger protein3抗体
Alias:	A8 51; C2 H2 type zinc finger protein; FLJ20216; HF.12; HZF3.1; KOX25; PP838; Zfp113; Zinc finger protein 3 (A8 51); Zinc finger protein 3; Zinc finger protein HF.12; Zinc finger protein KOX25; ZNF3 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=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:	51kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Human ZNF3:165-280/446
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 癢 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癢. 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 癢.
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 Kruppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby

recruiting histone modifying proteins. ZNF3, also known as KOX25, is a zinc finger protein belonging to the Kruppel C(2)H(2)-type zinc finger protein family. It localizes to the nucleus and is involved in cell differentiation and proliferation. ZNF3 is a 446 amino acid long protein that contains eight C(2)H(2)-type zinc fingers and one KRAB domain. ZNF3 is located in a cluster of KOX zinc-finger genes found on chromosome 10.

Function:

A zinc finger is a protein domain that can bind to DNA. A zinc finger consists of two antiparallel β sheets, and an alpha helix. The structure of each individual finger is highly conserved and consists of about 30 amino acid residues, constructed as a β sheet and held together by the zinc ion. The alpha helix occurs at the C terminal part of the finger, while the β sheet occurs at the N terminal part.

Subcellular Location:

Nuclear

Similarity:

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

Contains 8 C2H2-type zinc fingers.

Contains 1 KRAB domain.

SWISS:

P17036

Gene ID:

7551

Database links:

[Entrez Gene: 7551](#)Human

[Omim: 194510](#)Human

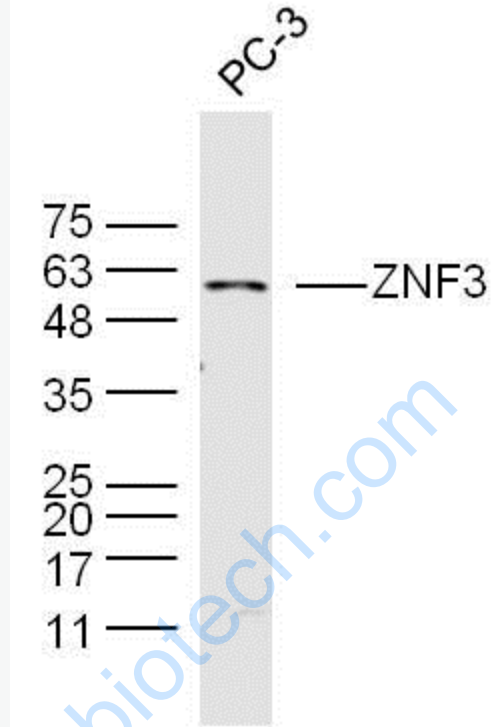
[SwissProt: P17036](#)Human

[Unigene: 435302](#)Human

Important Note:

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

Picture:



Sample: PC-3 Cell (Human) Lysate at 40 ug

Primary: Anti-ZNF3 (SL12216R) at 1/300 dilution

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

Predicted band size: 51 kD

Observed band size: 60 kD