

Rabbit Anti-ZNF300 antibody

SL0628R

Product Name	ZNF300
Chinese Name	Zinc finger protein300 抗体
Alias	Kruppel like zinc finger protein; Zinc finger protein 300; ZN300_HUMAN.
Research Area	Chromatin and nuclear signals Signal transduction transcriptional regulatory factor
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse, (predicted: Human,) WB=1:500-2000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	68kDa
Cellular localization	The nucleus
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human ZNF300: 165-250/604
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	ZNF300 contains C2H2 (or Kruppel)-type zinc finger motifs that tetrahedrally coordinate zinc ions and form a protein structure that can bind DNA and regulate transcription (Gou et al.,2004 [PubMed 14746915]). ZNF300 belongs to the krueppel C2H2 type zinc finger protein family. It contains twelve C2H2

type zinc fingers and one KRAB domain. ZNF300 has a transcriptional repressor activity. Expressed mostly in heart, skeletal muscle and brain. Isoforms 1 and 2 are highly expressed in testis. There are three named isoforms.

Function:

Has a transcriptional repressor activity.

Subcellular Location:

Nucleus.

Tissue Specificity:

Expressed mostly in heart, skeletal muscle and brain. Isoform 1 and isoform 2 are highly expressed in testis.

Similarity:

Belongs to the krueppel C2H2-type zinc-finger protein family.
Contains 12 C2H2-type zinc fingers.
Contains 1 KRAB domain.

SWISS:

Q96RE9

Gene ID:

91975

Database links:

[Entrez Gene: 91975](#) Human

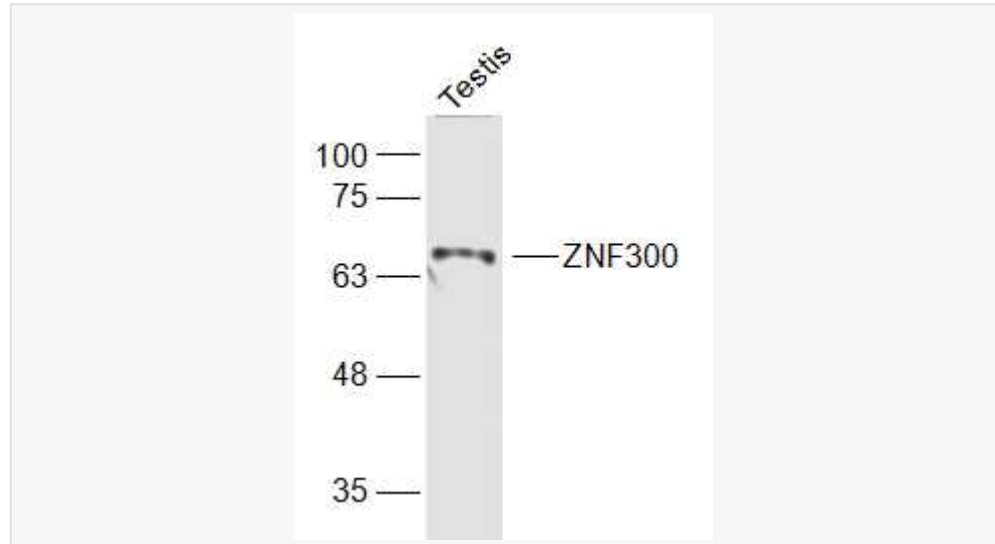
[Omim: 612429](#) Human

[SwissProt: Q96RE9](#) Human

[Unigene: 134885](#) Human

ZNF300 白血病相关性研究。

Product Picture



Sample:

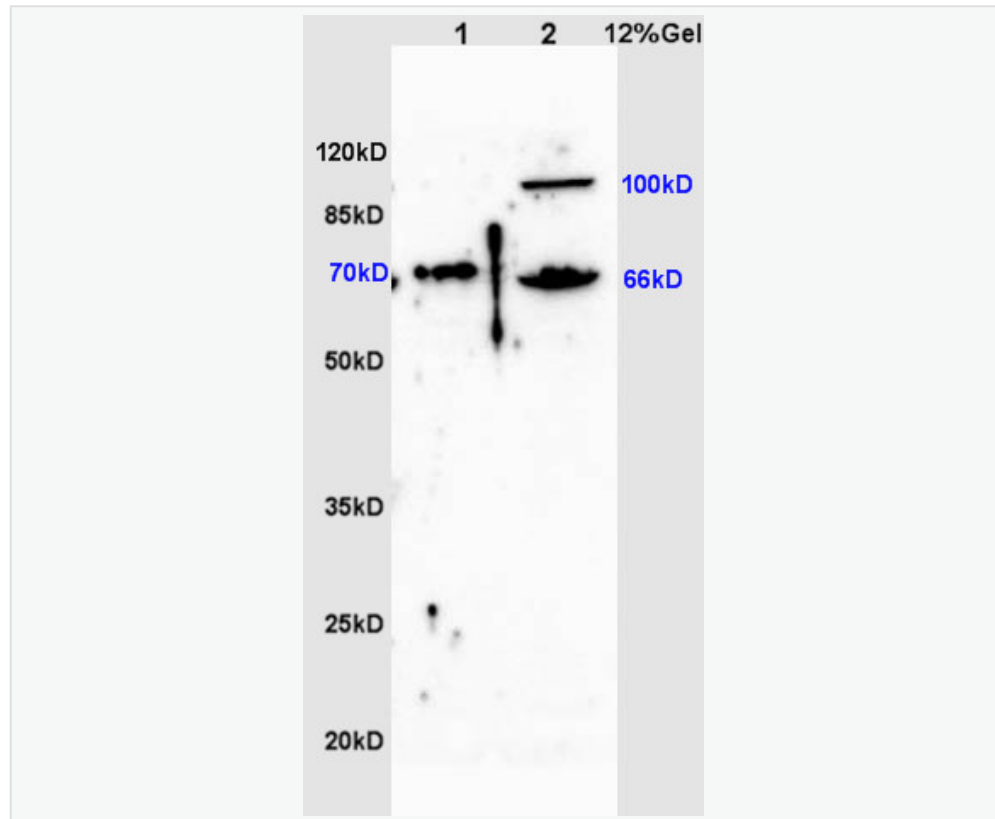
Testis (Mouse) Lysate at 40 ug

Primary: Anti-ZNF300 (SL0628R) at 1/1000 dilution

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

Predicted band size: 68 kD

Observed band size: 68 kD



Sample:

Lane1: Testis (Mouse) Lysate at 30 ug

Lane2: Small intestine (Mouse) Lysate at 30 ug

Primary: Anti-ZNF300(SL0628R) at 1:200 dilution;

Secondary: HRP conjugated Goat-Anti-Rabbit IgG(SL0295G-HRP) at
1:3000 dilution;

Predicted band size : 66kD

Observed band size : 70,66kD