

## Anti-ZNF300 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human)
Molecular Weight:	Theoretical: 68 kDa. Actual: 68 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	1. Sample: Lane1: Testis (Mouse) Lysate at 30 µg Lane2: Small intestine (Mouse) Lysate at 30 µg Primary: Anti-ZNF300 (TMAB-14364) at 1: 200 dilution; Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1:3000 dilution; Predicted band size: 66 kD Observed band size: 70,66kD
	2. Sample: Testis (Mouse) Lysate at 40 µg Primary: Anti-ZNF300 (TMAB-14364) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 68 kD Observed band size: 68 kD
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human ZNF300
Antigen Species:	Human
Gene ID:	91975
Uniprot ID:	Q96RE9

## Research Background

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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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