

## Anti-FIZ1 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat, Pig, Cow, Sheep)
Molecular Weight:	Theoretical: 52 kDa. Actual: 52 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	1. Sample: Raji (Human) Cell Lysate at 40 µg Primary: Anti-FIZ1 (TMAB-06040) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52 kD Observed band size: 52 kD
	2. Sample: testis (Mouse) Lysate at 40 µg Primary: Anti-FIZ1 (TMAB-06040) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52 kD Observed band size: 52 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 FIZ1/ZNF798
Antigen Species:	Human
Gene ID:	84922
Uniprot ID:	Q96SL8

## Research Background

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. FIZ1 (FLT3-interacting zinc finger 1), also known as ZNF798 (zinc finger protein 798), is a 496 amino acid zinc-finger protein that contains eleven C2H2-type zinc fingers. Localized to both the cytoplasm and the nucleus and expressed in a wide variety of tissues, FIZ1 is thought to repress the function of Nrl (neural retina leucine zipper) in photoreceptors, possibly regulating the expression of rod-specific genes. Additionally, FIZ1 interacts with the receptor-related tyrosine kinase Flt-3/Flk-2 and, via this interaction, may be involved in the regulation of lymphoid and hematopoietic cells.

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

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