

Anti-ZFR Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 117 kDa. Actual: 117 kDa.
Purification:	Protein A purified

Applications

Sample:	Lane 1: Siha (Human) Cell Lysate at 30 µg Lane 2: HL60 (Human) Cell Lysate at 30 µg Lane 3: K562 (Human) Cell Lysate at 30 µg
Verified Activity:	Lane 4: Hela (Human) Cell Lysate at 30 µg Primary: Anti-ZFR (TMAB-14309) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 117 kD Observed band size: 117 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 ZFR
Antigen Species:	Human
Gene ID:	51663
Uniprot ID:	Q96KR1

Research Background

ZFR is 1,074 amino acid RNA-binding protein. In human, ZFR is expressed in lung, liver, lymphocytes, heart, pancreas, kidney and placenta, and regulates postimplantation and gastrulation stages of development. Murine ZFR is observed in testis, ovary and brain. With elevated levels of expression during meiosis, ZFR associates with chromosome foci in meiotic cells. ZFR contains 1 DZF domain and localizes in the somatodendritic compartment of hippocampal neurons and colocalizes with STAU2 in cytosolic RNA granules. Knockout of ZFR in mouse embryo prevents the development of some embryonic structures leads to an increase in programmed cell death with a decrease in mitotic index.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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