
ZFR Rabbit pAb

Catalog Number: bs-19137R

Target Protein: ZFR

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Dog, Horse)

Predicted MW: 117 kDa

Subcellular: Cytoplasm, Nucleus

Locations:

Entrez Gene: 51663

Swiss Prot: Q96KR1

Source: KLH conjugated synthetic peptide derived from human ZFR: 271-370/1074.

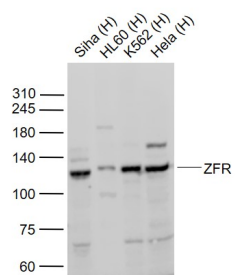
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

VALIDATION IMAGES



Sample: Lane 1: Siha (Human) Cell Lysate at 30 ug Lane 2: HL60 (Human) Cell Lysate at 30 ug Lane 3: K562 (Human) Cell Lysate at 30 ug Lane 4: HeLa (Human) Cell Lysate at 30 ug Primary: Anti-ZFR (bs-19137R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 117 kD Observed band size: 117 kD