
ZCCHC4 Rabbit pAb

Catalog Number: bs-18553R

Target Protein: ZCCHC4

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

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

Predicted MW: 59 kDa

Subcellular Nucleus

Locations:

Entrez Gene: 29063

Swiss Prot: Q9H5U6

Source: KLH conjugated synthetic peptide derived from human ZCCHC4: 301-400/513.

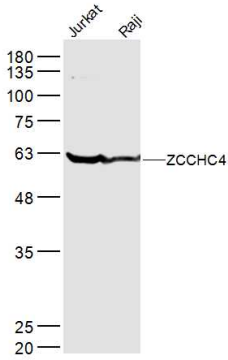
Purification: affinity purified by Protein A

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

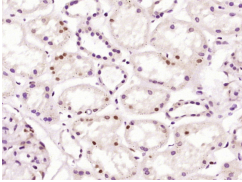
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: ZCCHC4 is a 513 amino acid protein that contains one CCHC-type zinc finger and one DHHC-type zinc finger and is thought to function as a methyltransferase. The gene encoding ZCCHC4 maps to human chromosome 4, which encodes nearly 6% of the human genome and has the largest gene deserts (regions of the genome with no protein encoding genes) of all of the human chromosomes. Defects in some of the genes located on chromosome 4 are associated with Huntington's disease, Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease.

VALIDATION IMAGES



Sample: Jurkat(Human) Cell Lysate at 30 ug Raji(Human) Cell Lysate at 30 ug Primary: Anti-ZCCHC4 (bs-18553R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 59 kD Observed band size: 59 kD



Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ZCCHC4) Polyclonal Antibody, Unconjugated (bs-18553R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=4.2] Wu Honggang. et al. Exploring the prognostic potential of m6A methylation regulators in low-grade glioma: implications for tumor microenvironment modulation. EUR J MED RES. 2024 Dec;29(1):1-14 IHC ; Human . 38173044