

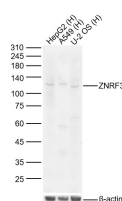
**bs-9141R****[ Primary Antibody ]****ZNRF3 Rabbit pAb****Bioss**  
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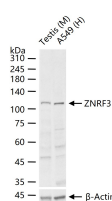
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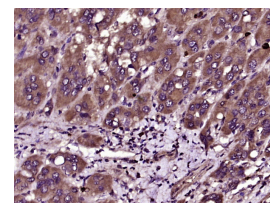
400-901-9800

**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 84133**SWISS:** Q9ULT6**Target:** ZNRF3**Immunogen:** KLH conjugated synthetic peptide derived from human ZNRF3: 101-200/936. < Extracellular >**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**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:** 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. The RING-type zinc finger motif is present in a number of viral and eukaryotic proteins and is made of a conserved cysteine-rich domain that is able to bind two zinc atoms. Proteins that contain this conserved domain are generally involved in the ubiquitination pathway of protein degradation. The three classes of enzymes involved in ubiquitination are the ubiquitin-activating enzymes (E1s), the ubiquitin-conjugating enzymes (E2s) and the ubiquitin-protein ligases (E3s). ZNRF3 (Zinc/RING finger protein 3), also known as RNF203 (RING finger protein 203), is a 936 amino acid single pass transmembrane protein that contains one RING-type zinc finger. Related zinc/RING finger proteins, such as ZNRF1 and ZNRF2, are E3 ubiquitin-protein ligases that are thought to be involved in the establishment and maintenance of neuronal transmission and plasticity, therefore it is likely that ZNRF3 may function in a similar manner.**Applications:** **WB** (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:50-200)**Reactivity:** Human, Mouse  
(predicted: Rat, Rabbit, Pig, Sheep, Cow, Chicken, Dog, Horse)**Predicted MW.:** 95 kDa**Subcellular Location:** Cell membrane**VALIDATION IMAGES**

Sample: Lane 1: Human HepG2 cell Lysates Lane 2: Human A549 cell Lysates Lane 3: Human U-2 OS cell Lysates Primary: Anti-ZNRF3 (bs-9141R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 95kDa Observed band size: 120kDa



25 ug total protein per lane of various lysates (see on figure) probed with ZNRF3 polyclonal antibody, unconjugated (bs-9141R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma); 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 (ZNRF3) Polyclonal Antibody, Unconjugated (bs-9141R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**SELECTED CITATIONS**

- **[IF=12.121]** Sarina Harshuk-Shabso. et al. Fgf and Wnt signaling interaction in the mesenchymal niche regulates the

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- murine hair cycle clock. Nat Commun. 2020 Oct;11(1):1-14 IF,IHC ;Mouse. 33037205
- **[IF=4.573]** Federico Pecori. et al. Mucin-type O-glycosylation controls pluripotency in mouse embryonic stem cells via Wnt receptor endocytosis. J Cell Sci. 2020 Oct;133(20) IHC ;Mouse. 32973111
  - **[IF=4.8]** Minghui Liu. et al. Comprehensive analysis of zinc and ring finger 3 in prognostic value and pan-cancer immunity. FASEB J. 2024 Mar;38(5):e23523 IF ;Human. 38457275