

bs-2590R**[Primary Antibody]****NRSF Rabbit pAb****BioSS**
ANTIBODIES

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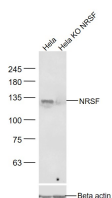
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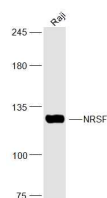
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— DATASHEET —

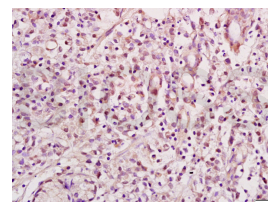
Host: Rabbit Clonality: Polyclonal GeneID: 5978 Target: NRSF Immunogen: KLH conjugated synthetic peptide derived from human NRSF: 401-450/1097. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: This gene encodes a transcriptional repressor that represses neuronal genes in non-neuronal tissues. It is a member of the Kruppel-type zinc finger transcription factor family. It represses transcription by binding a DNA sequence element called the neuron-restrictive silencer element. The protein is also found in undifferentiated neuronal progenitor cells and it is thought that this repressor may act as a master negative regular of neurogenesis. Alternatively spliced transcript variants have been described [provided by RefSeq, Jul 2010]	Isotype: IgG SWISS: Q13127	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Chicken, Horse) Predicted MW.: 121 kDa Subcellular Location: Nucleus
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— VALIDATION IMAGES —

Sample: HeLa(Human) Cell Lysate at 30 ug
HeLa KO NRSF (Human) Cell Lysate at 30 ug
Primary: Anti- NRSF (bs-2590R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 121 kD
Observed band size: 121 kD



Sample: Raji(Human) Cell Lysate at 30 ug
Primary: Anti-NRSF (bs-2590R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 121 kD
Observed band size: 121 kD



Tissue/cell: human gastric tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-NRSF/REST Polyclonal Antibody, Unconjugated(bs-2590R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=11.8]** Kojiro Ishibashi. et al. Astrocyte-induced mGluR1 activates human lung cancer brain metastasis via glutamate-dependent stabilization of EGFR. DEV CELL. 2024 Feb 02 ICC ;Human. 38309264
- **[IF=11]** Crews Fulton T.. et al. HMGB1 neuroimmune signaling and REST-G9a gene repression contribute to ethanol-induced reversible suppression of the cholinergic neuron phenotype. MOL PSYCHIATR. 2023 Jul;1-14 IHC ;Human. 37402853
- **[IF=9.889]** Buqing Yeet al. The chromatin remodeler SRCAP promotes self - renewal of intestinal stem cells. EMBO J .

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

2020 Jul 1;39(13):e103786. IHC,IP,IF ;mouse. 32449550

- **[IF=5.3]** Christopher J. O'Connell. et al. Transcriptomic dynamics governing serotonergic dysregulation in the dorsal raphe nucleus following mild traumatic brain injury. EXP NEUROL. 2024 Apr;374:114695 IHC ;Mouse. 38246304
- **[IF=2.472]** Zhu NW et al. Possible mechanisms of lycopene amelioration of learning and memory impairment in rats with vascular dementia. Neural Regen Res. 2020 Feb;15(2):332-341. WB,IHC ;Rat. 31552907