
NRSF Rabbit pAb

Catalog Number: bs-2590R

Target Protein: NRSF

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, Mouse (predicted:Rat, Rabbit, Pig, Cow, Chicken, Horse)

Predicted MW: 121 kDa

Entrez Gene: 5978

Swiss Prot: Q13127

Source: KLH conjugated synthetic peptide derived from human NRSF: 401-450/1097.

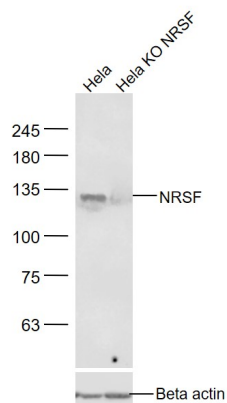
Purification: affinity purified by Protein A

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

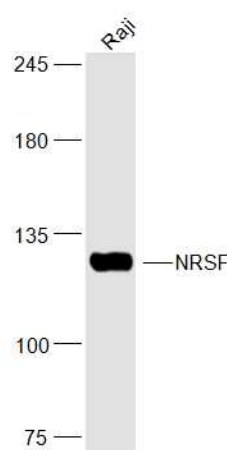
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: 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 regulator of neurogenesis. Alternatively spliced transcript variants have been described [provided by RefSeq, Jul 2010]

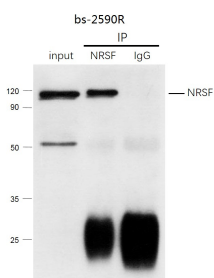
VALIDATION IMAGES



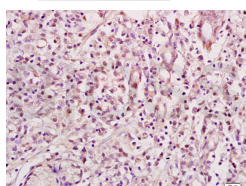
Sample: HeLa(Human) Cell Lysate at 30 ug HeLa KO NRSF (Human) Cell Lysate at 30 ug Primary: Anti- NRSF (bs-2590R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 121 kD Observed band size: 121 kD



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



NRSF was immunoprecipitated from human hela cells lysate with bs-2590R at 1/150 dilution. Western blot was performed from the immunoprecipitate using protein A/G beads. HRP Conjugated Mouse anti-Rabbit IgG (Light Chain specific) was used as secondary antibody at 1:5000 dilution. Lane 1: human hela cells lysate 10 µg (Input). Lane 2: bs-2590R IP in human hela cells lysate. Lane 3: native rabbit IgG IP in human hela cells lysate (negative control). Secondary All lanes : Mouse anti-Rabbit IgG (Light Chain specific), HRP Conjugated, 1:5000



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

PRODUCT SPECIFIC PUBLICATIONS

[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 . 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