
NEGR1 Rabbit pAb

Catalog Number: bs-11095R

Target Protein: NEGR1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

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

Predicted MW: 31 kDa

Entrez Gene: 257194

Swiss Prot: Q7Z3B1

Source: KLH conjugated synthetic peptide derived from human NEGR1: 38-130/354.

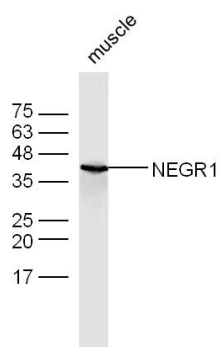
Purification: affinity purified by Protein A

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

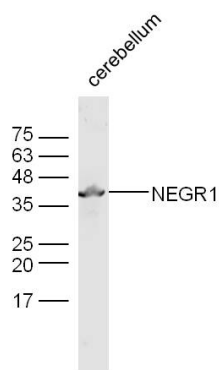
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: NEGR1 is a 354 amino acid protein belonging to the IgLON family and immunoglobulin superfamily. NEGR1 may play a role in cell adhesion and regenerative axon sprouting in the mammalian brain and is highly expressed in adult hippocampus, cerebrum and brainstem, with much lower levels found in cerebellum. Localizing to the cell membrane at the glycosylphosphatidylinositol anchor (GPI) anchor, NEGR1 contains three Ig-like C2-type (immunoglobulin-like) domains. NEGR1 is encoded by a gene that maps to human chromosome 1p31.1, and is one of several loci associated with body mass index (BMI), possibly contributing to the development of obesity.

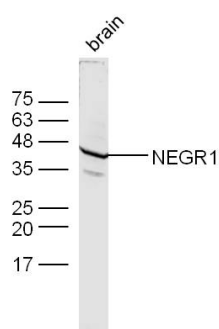
VALIDATION IMAGES



Sample: Muscle (Mouse) Lysate at 40 ug Primary: Anti-NEGR1 (bs-11095R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 31 kD Observed band size: 37 kD



Sample: Cerebellum (Mouse) Lysate at 40 ug Primary: Anti-NEGR1 (bs-11095R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 31 kD Observed band size: 37 kD



Sample: Brain (Mouse) Lysate at 40 ug Primary: Anti-NEGR1 (bs-11095R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 31 kD Observed band size: 37 kD

PRODUCT SPECIFIC PUBLICATIONS

[IF=6.064] Haofuzi Zhang, et al. Identification of a Fibroblast-Related Prognostic Model in Glioma Based on Bioinformatics Methods. BIOMOLECULES. 2022 Nov;12(11):1598 IHC ; Human . 36358948