

### [ Primary Antibody ]

## NEGR1 Rabbit pAb



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## — DATASHEET

**Host:** Rabbit

**Isotype:** IgG

**Applications: WB (1:500-2000)**

**Clonality:** Polyclonal

**GeneID:** 257194

**SWISS:** 07Z3B1

**Target:** NEGR1

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

**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.

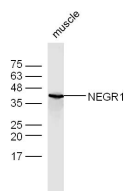
**Background:** NEGR1 is a 354 amino acid protein belonging to the IgLON family and immunoglobulin superfamily. NEGR1 may play a role in cell adhesion and regenerative axon sprouting in the mammalian brain and is highly expressed in adult hippocampus, cerebrum and brainstem, with much lower levels found 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.

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

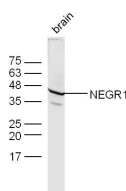
**Predicted MW.:** 31 kDa

**Subcellular Location:** Cell membrane

— 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: 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

## — SELECTED CITATIONS

- **[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
- **[IF=5.2]** Ba Hengxing. et al. RFXP2-positive mesenchymal stem cells in the antlerogenic periosteum contribute to postnatal development of deer antlers. COMMUN BIOL. 2025 Apr;8(1):1-12 FC ;Deer. 40263536

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