

Anti-NEGR1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 31 kDa. Actual: 37 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: Cerebellum (Mouse) Lysate at 40 µg
	Primary: Anti-NEGR1 (TMAB-09341) at 1/300 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 31 kD
	Observed band size: 37 kD
	2. Sample: Brain (Mouse) Lysate at 40 µg
	Primary: Anti-NEGR1 (TMAB-09341) at 1/300 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 31 kD
Observed band size: 37 kD	
3. Sample: Muscle (Mouse) Lysate at 40 µg	
Primary: Anti-NEGR1 (TMAB-09341) at 1/300 dilution	
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution	
Predicted band size: 31 kD	
Observed band size: 37 kD	
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human NEGR1
Antigen Species:	Human
Gene ID:	257194
Uniprot ID:	Q7Z3B1

Research 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

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(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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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