

## Basic Information

<b>Product Name</b>	Anti-NEGR1 Antibody
<b>Gene Name</b>	NEGR1
<b>Source</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Species Reactivity</b>	human, mouse, rat
<b>Tested Application</b>	WB, ELISA
<b>Contents</b>	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
<b>Immunogen</b>	E.coli-derived human NEGR1 recombinant protein (Position: Q36-H291).
<b>Concentration</b>	500 ug/ml
<b>Purification</b>	Immunogen affinity purified.
<b>Observed MW</b>	46 kDa
<b>Dilution Ratios</b>	Western blot (WB): 1:500-2000 Enzyme linked immunosorbent assay (ELISA):1:100-1000

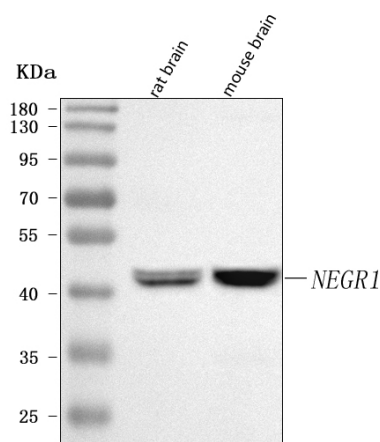
## Storage

12 months from date of receipt, -20°C as supplied.

## Background Information

Neuronal growth regulator 1 also known as NEGR1 is a protein which in humans is encoded by the NEGR1 gene. NEGR1 may be involved in cell-adhesion. May function as a trans-neural growth-promoting factor in regenerative axon sprouting in the mammalian brain (By similarity).

## Selected Validation Data



Western blot analysis of anti-NEGR1 antibody (A06730-2). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: rat brain tissue lysates,

Lane 2: mouse brain tissue lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-NEGR1 antigen affinity purified polyclonal antibody (A06730-2) and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for NEGR1 at approximately 46 kDa. The expected band size for NEGR1 is at 39 kDa.