

NINJ1 Rabbit pAb

Catalog NO.: A16406 **5 Publications**

Basic Information

Observed MW

17 kDa

Calculated MW

16 kDa

Category

Polyclonal Antibodies

Applications

WB, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Background

The ninjurin protein is upregulated after nerve injury both in dorsal root ganglion neurons and in Schwann cells (Araki and Milbrandt, 1996 [PubMed 8780658]). It demonstrates properties of a homophilic adhesion molecule and promotes neurite outgrowth from primary cultured dorsal root ganglion neurons.

Recommended Dilutions

WB 1:500 - 1:5000

IP

0.5 µg - 4 µg antibody for 200 µg - 600 µg extracts of whole cells

ELISA

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

4814

Swiss Prot

Q92982

Immunogen

This information is considered to be commercially sensitive.

Synonyms

NIN1; NINJURIN; NINJ1

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

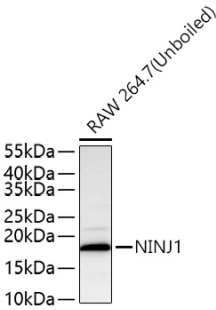
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from RAW 264.7 cells using NINJ1 Rabbit pAb (A16406) at 1:5000 dilution incubated overnight at 4°C.

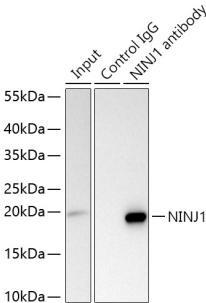
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 20 s.



Immunoprecipitation of NINJ1 from 600 µg extracts of Mouse liver tissue was performed using 2 µg of NINJ1 Rabbit pAb (A16406). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using NINJ1 Rabbit pAb (A16406) at a dilution of 1:5000.

