

NINJ1 Rabbit mAb

Catalog NO.: A29138 **Recombinant**

Basic Information

Observed MW

17 kDa

Calculated MW

16 kDa

Category

Monoclonal Antibodies

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human

Conjugation

Unconjugated

Clone number

ARC83312

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 1:2000 - 1:15000

IHC-P 1:200 - 1:600

ELISA

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000), a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID	Swiss Prot
4814	Q92982

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

NIN1; hNINJ1; NINJURIN

Contact

Product Information

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

Source

Rabbit

Isotype

IgG

Purification

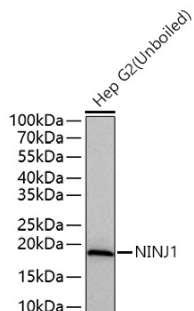
Affinity purification

Storage

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

Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from Hep G2 cells using NINJ1 Rabbit mAb (A29138) at 1:5000 dilution incubated overnight at 4°C.

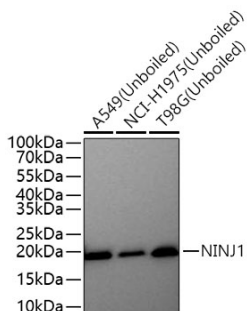
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1 s.



Western blot analysis of various lysates using NINJ1 Rabbit mAb (A29138) at 1:5000 dilution incubated overnight at 4°C.

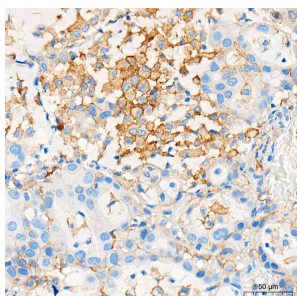
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

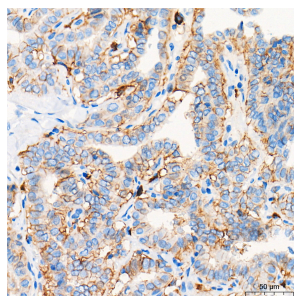
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60 s.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using NINJ1 Rabbit mAb (A29138) at a dilution of 1:500 (40x lens). High pressure



Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using NINJ1 Rabbit mAb (A29138) at a dilution of 1:500 (40x lens). High pressure

antigen retrieval performed with 0.01M Tris-EDTA Buffer
(pH 9.0) prior to IHC staining.

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