For Research Use Only

NINJ2 Polyclonal antibody

Catalog Number:14085-1-AP

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
14085-1-AP

Size:
300 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG5215

GenBank Accession Number:
BC057766

GeneID (NCBI):
4815

UNIPROT ID:
Q9NZG7

Full Name:
ninjurin 2

Calculated MW:
142 aa, 16 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
IHC 1:50-1:500

Applications

Tested Applications:
IHC,ELISA

Species Specificity:
human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human tonsillitis tissue,

Background Information

NINJ2 (Ninjurin2) is a member of the ninjurin family of adhesion molecules which mediate cell-to-cell and cell-to-extracellular matrix interactions during development, differentiation, and regeneration of the peripheral nervous system. The gene encodes NINJ2 is located on chromosome 12p13. NINJ2 mRNA is widely expressed in adult human tissues, with highest level in bone marrow, followed by peripheral leukocytes, lung, and lymph nodes. In the peripheral nervous system, NINJ2 is expressed constitutively in mature sensory and enteric neurons. The expression of NINJ2 is upregulated after nerve injury in Schwann cells, suggesting that it may promote nerve regeneration. It may also play an important role in the pathogenesis of inflammatory disorder. (PMID: 10627596)

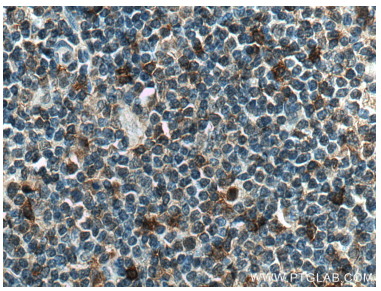
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data

Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 14085-1-AP (NINJ2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 14085-1-AP (NINJ2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).