

Neurofascin Antibody, pAb, Rabbit

Cat. No.: A01377-40

Size: 40 µg

Synonyms: Rabbit Anti-Neurofascin pAb;

Description:

Neurofascin is one member of Li family which involves vertebrate L1, Ng-CAM, and Nr-CAM. Neurofascin protein is a nervous system cell adhesion molecule that contains six Ig domains and multiple fibronectin type III repeats in its extracellular region. Expression level of neurofascin is abundant in the nervous system during early development as well as in adult stage. Phosphorylation of the FIGQY tyrosine of neurofascin abolishes ankyrin binding and increases lateral mobility of neurofascin. Phospho-FIGQY neurofascin associates with doublecortin, which probably plays an important role in neuronal migration.

GenScript **Rabbit Anti-Neurofascin Polyclonal Antibody** is developed in rabbit using a KLH-coupled synthetic peptide from amino terminal of human Neurofascin. (Swiss Prot: O94856).

Immunogen: KLH-coupled synthetic peptide from amino terminal of human Neurofascin (Swiss Prot: O94856).

Host: Rabbit

Antigen Synonyms: Human

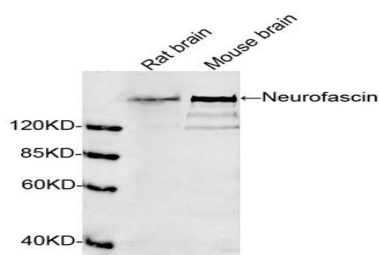
Conjugation: Unconjugated

Formulation:

0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide

Ig Subclass: Rabbit IgG

Example



Specificity: GenScript Rabbit Anti-Neurofascin Polyclonal Antibody detects endogenous levels of rat and mouse Neurofascin protein. It is predicted to react with human neurofascin protein according to sequence homology.

Purification: Immunoaffinity chromatography

Applications:

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

ELISA: 0.05-0.2 µg/ml

Western blot: 1-2 µg/ml

Other Applications: user-optimized

Species Reactivity: Rat and mouse. This product has not been tested with other species yet.

Reconstitution:

Reconstitute the lyophilized powder with deionized water (or equivalent) to an antibody concentration of 0.5 mg/ml.

Storage:

The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Western blot analysis of tissue lysates using 1 µg/ml Rabbit Anti-Neurofascin Polyclonal Antibody (GenScript, A01377). The signal was developed with IRDye™ 800 Conjugated Goat Anti-Rabbit IgG.
Predicted Size: 150 KD
Observed Size: 150 KD

