Datasheet for ABIN1574089

anti-NFASC antibody (N-Term)

Go to Product page

1 Image

Overview

Quantity:	40 µg
Target:	NFASC
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFASC antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	KLH-coupled synthetic peptide from amino terminal of human Neurofascin .
Isotype:	IgG2a
Specificity:	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.
Cross-Reactivity (Details):	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

Target Details

Target:	NFASC
Alternative Name:	Neurofascin (NFASC Products)
Background:	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.Rabbit Anti-Neurofascin Polyclonal Antibody is developed in rabbit using a KLH-coupled synthetic peptide from amino terminal of human Neurofascin. (Swiss Prot: O94856).
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	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/mLOther Applications: user-optimized
Restrictions:	For Research Use only

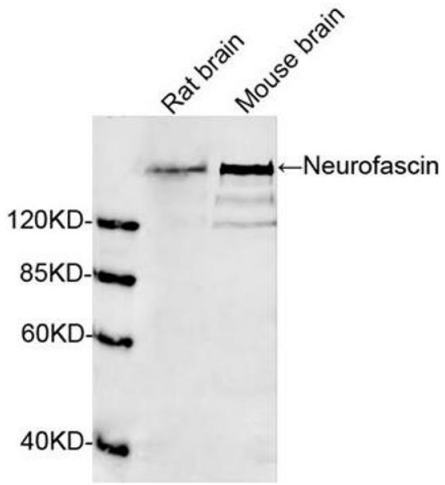
Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4, containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute

Handling

	azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Storage:	4 °C/-20 °C
Storage Comment:	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.

Images



Western Blotting

Image 1. Western blot analysis of tissue lysates using 1 µg/mL Rabbit Anti-Neurofascin Polyclonal Antibody (ABIN398840) The signal was developed with IRDyeTM 800 Conjugated Goat Anti-Rabbit IgG.Predicted Size: 150 KD Observed Size: 150 KD