Datasheet for ABIN652685

anti-NEURL antibody (AA 158-186)

3 Images

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Overview

Quantity:	400 µL
Target:	NEURL
Binding Specificity:	AA 158-186
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEURL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This NEURL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 158-186 amino acids from the Central region of human NEURL.
Clone:	RB21920
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NEURL
Alternative Name:	NEURL (NEURL Products)
Background:	NEURL is involved in the determination of cell fate in the neurogenic region of the embryo and

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Target Details

	plays a role in the determination of cell fate in the central nervous system. NEURL may act as a tumor suppressor whose inactivation could be associated with malignant progression of astrocytic tumors.
Molecular Weight:	61860
Gene ID:	9148
NCBI Accession:	NP_004201
UniProt:	O76050
Pathways:	Notch Signaling, EGFR Signaling Pathway

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

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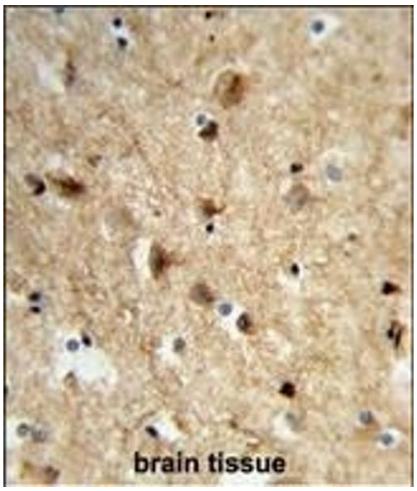
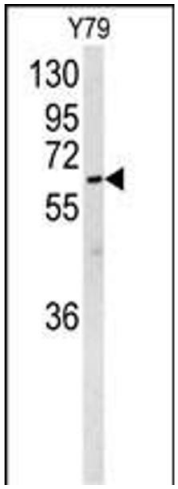


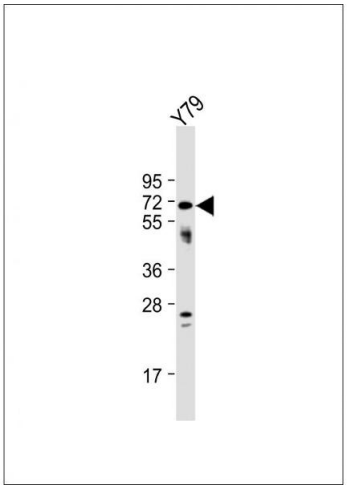
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human brain tissue reacted with NEURL Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of NEURL Antibody (Center) (ABIN652685 and ABIN2842456) in Y79 cell line lysates (35 µg/lane). NEURL (arrow) was detected using the purified Pab.



Western Blotting

Image 3. Anti-NEURL Antibody (Center) at 1:1000 dilution + Y79 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 62 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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