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Datasheet for ABIN654426

anti-Actin-Like 7A antibody (N-Term)

1 Image

Overview

Quantity:	400 µL
Target:	Actin-Like 7A (ACTL7A)
Binding Specificity:	AA 41-67, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Actin-Like 7A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ACTL7A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 41-67 amino acids from the N-terminal region of human ACTL7A.
Clone:	RB22393
Isotype:	Ig Fraction
Predicted Reactivity:	Pr
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Actin-Like 7A (ACTL7A)
Alternative Name:	ACTL7A (ACTL7A Products)

Target Details

Background: ACTL7A is a member of a family of actin-related proteins (ARPs) which share significant amino acid sequence identity to conventional actins. Both actins and ARPs have an actin fold, which is an ATP-binding cleft, as a common feature. The ARPs are involved in diverse cellular processes, including vesicular transport, spindle orientation, nuclear migration and chromatin remodeling. ACTL7A (ACTL7A), and related gene, ACTL7B, are intronless, and are located approximately 4 kb apart in a head-to-head orientation within the familial dysautonomia candidate region on 9q31. Based on mutational analysis of the ACTL7A gene in patients with this disorder, it was concluded that it is unlikely to be involved in the pathogenesis of dysautonomia. The ACTL7A gene is expressed in a wide variety of adult tissues, however, its exact function is not known.

Molecular Weight: 48644

Gene ID: 10881

NCBI Accession: [NP_006678](#)

UniProt: [Q9Y615](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

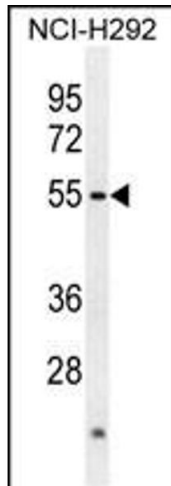
Preservative: Sodium azide

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



Western Blotting

Image 1. ACTL7A Antibody (N-term) (ABIN654426 and ABIN2844161) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the ACTL7A antibody detected the ACTL7A protein (arrow).