Datasheet for ABIN5535443

anti-ACTR1A antibody (AA 98-126)

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Overview

Quantity:	400 µL
Target:	ACTR1A
Binding Specificity:	AA 98-126
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACTR1A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ACTR1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 98-126 amino acids from the Central region of human ACTR1A.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ACTR1A
Alternative Name:	ACTR1A (ACTR1A Products)
Background:	This gene encodes a 42.6 kD subunit of dynactin, a macromolecular complex consisting of 10-11 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. It is involved in a diverse array of cellular functions, including ER-to-Golgi

Target Details

	transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit is present in 8-13 copies per dynactin molecule, and is the most abundant molecule in the dynactin complex. It is an actin-related protein, and is approximately 60 % identical at the amino acid level to conventional actin.
Molecular Weight:	43 kDa
Gene ID:	10121
UniProt:	P61163
Pathways:	M Phase

Application Details

Application Notes:	For WB starting dilution is: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.4 mg/mL
Buffer:	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:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

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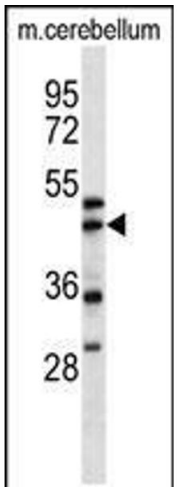

Western Blotting

Image 1. Western blot analysis in mouse cerebellum tissue lysates (35ug/lane).