

Datasheet for ABIN2784857 anti-KATNA1 antibody (C-Term)

1 Image



Overview

nea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
ated
ide corresponding to a region of Mouse
RRRLEKR IYIPLPSAKG REELLRISLR
100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit:
against Katna1. It was validated on Western Blot.

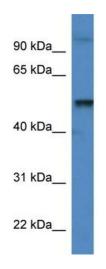
Target Details

Background:	Katna1 severs microtubules in vitro in an ATP-dependent manner. This activity may promote rapid reorganization of cellular microtubule arrays, such as that seen during disassembly of interphase microtubules at the G2-M transition. It may also be required for microtubule release from the centrosome after nucleation. In mitotic spindles this could allow depolymerization of the microtubule end proximal to the centrosome, and subsequent poleward microtubule flux. In neurons, microtubule release within the cell body allows their subsequent transport into neuronal processes by microtubule dependent motor proteins. This transport is required for axonal growth. Alias Symbols: - Protein Interaction Partner: KATNB1,
	Protein Size: 491
Molecular Weight:	54 kDa
Gene ID:	23924
NCBI Accession:	NM_011835, NP_035965
UniProt:	Q9WV86
Pathways:	Microtubule Dynamics
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 491 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-Katna1 Antibody Catalog Number: ARP52277 Lot Number: QC29917 Lane: Mouse Spleen Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

Western Blotting

Image 1.