

Datasheet for ABIN2787218
anti-ACTR3B antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	ACTR3B
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Zebrafish (Danio rerio), Horse, Rabbit, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACTR3B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ACTR3B
Sequence:	MAGSLPPCVV DCGTGYTKLG YAGNTEPQFI IPSCIAIRES AKVVDQAQRR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 77%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against ACTR3B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ACTR3B
Alternative Name:	ACTR3B (ACTR3B Products)
Background:	<p>ACTR3B plays a role in the organization of the actin cytoskeleton. ACTR3B may function as ATP-binding component of the Arp2/3 complex which is involved in regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks. ACTR3B may decrease the metastatic potential of tumors.</p> <p>Alias Symbols: ARP11, ARP3BETA, DKFZp686O24114</p> <p>Protein Interaction Partner: PAN2, EXOC5, UBC, RSRC1, ARPC3P1, ARPC5L, CCAR2, TWF2, ARPC1A, ARPC2, ACTR2, ARPC1B, ARPC3, ARPC4, ARPC5, CDK4,</p> <p>Protein Size: 418</p>
Molecular Weight:	47 kDa
Gene ID:	57180
NCBI Accession:	NM_020445 , NP_065178
UniProt:	Q9P1U1
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 418 AA
Restrictions:	For Research Use only

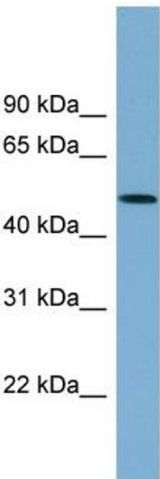
Handling

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

Handling Advice:	Avoid repeated freeze-thaw cycles.
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.

Validation report #103662 for Western Blotting (WB)



Western Blotting

Image 1. WB Suggested Anti-ACTR3B Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:1562500

Positive Control: 721_B cell lysate