

Datasheet for ABIN5611287
anti-ACTR3 antibody (AA 287-418)



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5 Images

Overview

Quantity:	100 µL
Target:	ACTR3
Binding Specificity:	AA 287-418
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ACTR3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Purpose:	ACTR3 Antibody
Immunogen:	Purified recombinant fragment of human ACTR3 (AA: 287-418) expressed in E. Coli.
Clone:	3G2G1
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	ACTR3
Alternative Name:	ACTR3 (ACTR3 Products)
Background:	Description: The specific function of this gene has not yet been determined, however, the

Target Details

protein it encodes is known to be a major constituent of the ARP2/3 complex. This complex is located at the cell surface and is essential to cell shape and motility through lamellipodial actin assembly and protrusion. Three transcript variants encoding two different isoforms have been found for this gene.

Aliases: ARP3

Molecular Weight: 47.4kDa

Gene ID: 10096

HGNC: 10096

UniProt: [P61158](#)

Pathways: [RTK Signaling, Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: ELISA: 1/10000
ICC: 1/200 - 1/1000

Restrictions: For Research Use only

Handling

Format: Liquid

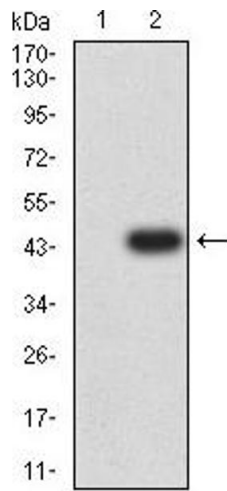
Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

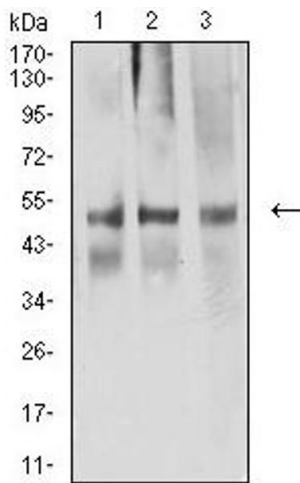
Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.



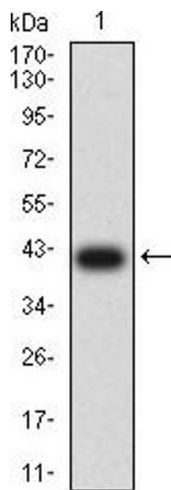
Western Blotting

Image 1. Western blot analysis using ACTR3 mAb against HEK293 (1) and ACTR3 (AA: 287-418)-hlgGFc transfected HEK293 (2) cell lysate.



Western Blotting

Image 2. Western blot analysis using ACTR3 mouse mAb against NIH/3T3 (1), A549 (2), and CHO3D10 (2) cell lysate.



Western Blotting

Image 3. Western blot analysis using ACTR3 mAb against human ACTR3 (AA: 287-418) recombinant protein. (Expected MW is 41.1 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5611287.