

Datasheet for ABIN7127345

Recombinant anti-ACTR3 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	ACTR3
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This ACTR3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human Arp3
Clone:	7E5
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Affinity-chromatography

Target Details

Target:	ACTR3
Alternative Name:	ACTR3 (ACTR3 Products)
Background:	Background: Functions as ATP-binding component of the Arp2/3 complex which is involved in

Target Details

regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks. Seems to contact the pointed end of the daughter actin filament. Plays a role in ciliogenesis.

Aliases: Actin-related protein 3 (Actin-like protein 3), ACTR3, ARP3

UniProt: [P61158](#)

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

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

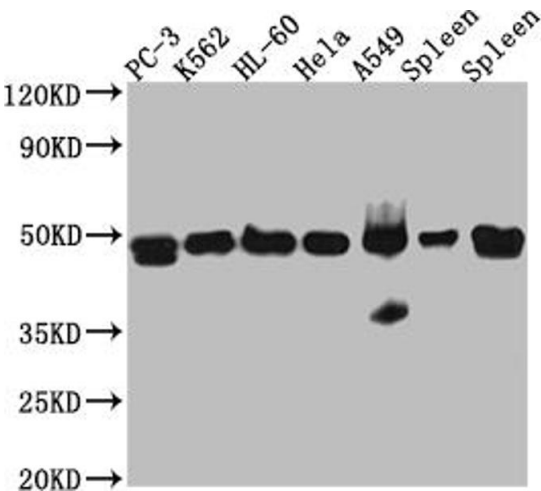
Preservative: Sodium azide

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Western Blotting

Image 1. Western Blot Positive WB detected in: PC-3 whole cell lysate, K562 whole cell lysate, HL-60 whole cell lysate, A549 whole cell lysate, Mouse Spleen whole cell lysate, Rat Spleen whole cell lysate All lanes: Arp3 Antibody at 1:1000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 48 kDa Observed band size: 48 kDa