



Rabbit anti-Human ACTB (C-term) Polyclonal Antibody (CABT-Z010R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human ACTB.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1,000-1:3,000 (detect endogenous protein*)
Molecular Weight	42 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human ACTB, which shares approximately 90% homology with Arabidopsis ACTIN2, 3, 4, 7, 8, 11, 12.
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN ₃ .

Preservative	0.01% NaN ₃
Storage	Store at -20°C. Stable for 6 months from date of receipt.
Ship	Wet ice

BACKGROUND

Introduction Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. Beta-Actin (ACTB) encodes one of six different actin proteins, which is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins. Actins are ubiquitously expressed in all eukaryotic cells.

Keywords Actin;cytoplasmic 1;Beta-actin;ACTB;b-Actin;PS1TP5BP1;beta cytoskeletal actin;PS1TP5-binding protein 1

GENE INFORMATION

Gene Name	ACTB
Entrez Gene ID	60
UniProt ID	P60709